

# Converting Colors

XYZ(82.4314, 81.8940, 84.8040)

Have a look what the booklet for  
XYZ(82.4314, 81.8940, 84.8040)  
contains.

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# Color

**XYZ(82.6200, 82.1591,  
84.9025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE4E4
RGB	254, 228, 228
RGB Percent	100%, 89%, 89%
CMY	0.0039, 0.1059, 0.1059
CMYK	0.00, 0.10, 0.10, 0.00
HSL	0°, 93%, 95%
HSV	0°, 10%, 100%
XYZ	82.6200, 82.1591, 84.9025
YIQ	235.7740, 15.4960, 5.5120

# Conversions

## Conversions Part 2

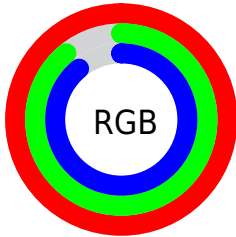
Format	Color
R <sub>YB</sub>	254, 228, 228
Decimal	16704740
CIE Lab	92.65, 8.89, 3.23
CIE LCh	93, 9.457, 20.002
Yxy	82.1591, 0.3309, 0.3291
Android (android.graphics.Color)	4294894820 (0xFFEE4E4)
YUV	235.7740, -3.8326, 15.9842
Hunter-Lab	90.6417, 4.0801, 7.9132

# Details

The XYZ color **82.6200, 82.1591, 84.9025** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3256, 94.5313, 107.5159**, and the grayscale version is **79.5780, 83.7222, 91.1735**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5124, 44.7746, 45.7788** is the 20% darker color. If you saturate the color by 10%, you get **72.8695, 67.8920, 65.5151**, and if you desaturate by 10%, it is **93.9193, 98.6930, 107.3639**.

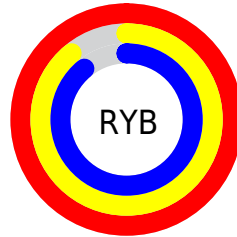
# Distribution



Red (100%)

Green (89%)

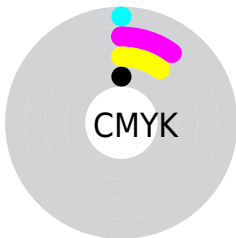
Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)

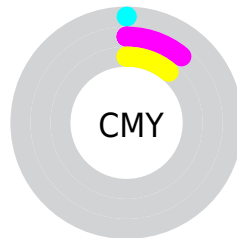


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (11%)


Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6200, 82.1591, 84.9025 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.6200, 82.1591, 84.9025 by changing the saturation by 10% instead.




 82.6200, 82.1591,  
84.9025

 82.6200, 82.1591,  
84.9025


492.3223,  
502.1797, 531.4416

 62.1926, 61.4967,  
63.2111


135.9744,  
136.3971, 142.1099

 45.4445, 44.6261,  
45.5699


169.6321,  
170.7415, 178.4630

 32.0105, 31.1630,  
31.5604


208.4306,  
210.4153, 220.5405

 21.5251, 20.7230,  
20.7639

252.7352,  
255.8029, 268.7608

 13.6230, 12.9217,  
12.7620

302.9113,  
307.2888, 323.5425

 7.9389, 7.3747,  
7.1360

359.3243,

 4.1073, 3.6975,

365.2573, 385.3042

3.4676

422.3395,  
430.0928, 454.4644

■ 1.7630, 1.5058,  
1.3381

■ 0.4952, 0.2928,  
0.0927

■ 82.6200, 82.1591,  
84.9025

■ 82.6200, 82.1591,  
84.9025

■ 72.8695, 67.8920,  
65.5151

■ 93.9193, 98.6930,  
107.3639

■ 64.5939, 55.7827,  
49.0629

■ 94.6834, 99.8110,  
108.8828

■ 57.7236, 45.7294,  
35.4048

■ 52.1804, 37.6181,  
24.3855

■ 47.8788, 31.3235,  
15.8347

■ 44.7233, 26.7057,  
9.5625

■ 42.6042, 23.6046,  
5.3510

■ 41.3910, 21.8288,  
2.9403

■ 40.8739, 21.0720,  
1.9130

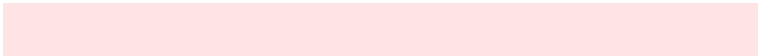
# Harmonies

## Analogous

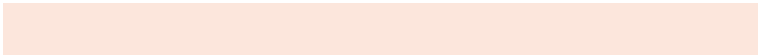
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8419, 82.1591, 91.8301



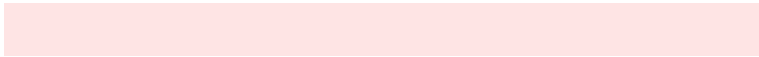
82.6200, 82.1591, 84.9025



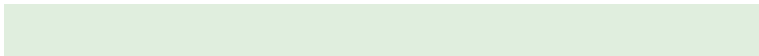
81.1701, 82.1591, 79.4745

# Triad

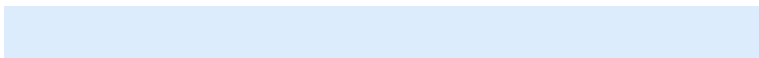
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6200, 82.1591, 84.9025



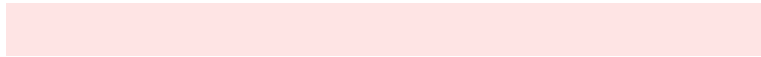
74.5215, 82.1591, 81.0285



77.2713, 82.1591, 103.4743

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82.6200, 82.1591, 84.9025



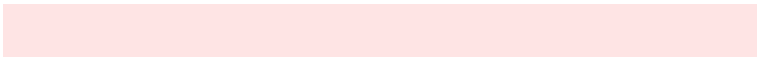
85.3256, 94.5313, 107.5159

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0884, 82.1591, 100.2429



82.6200, 82.1591, 84.9025



73.5229, 82.1591, 87.1257

# Square

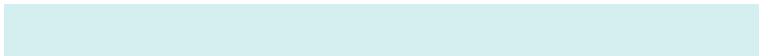
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6200, 82.1591, 84.9025



76.4827, 82.1591, 77.3205



73.7282, 82.1591, 94.1721



79.7191, 82.1591, 102.8020



# Rectangle

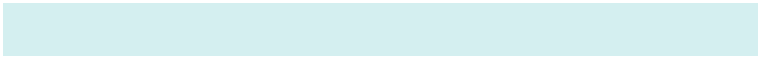
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



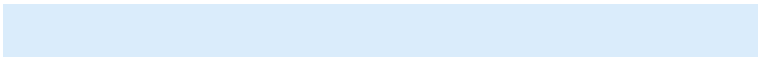
82.6200, 82.1591, 84.9025



79.7188, 82.1591, 77.3202



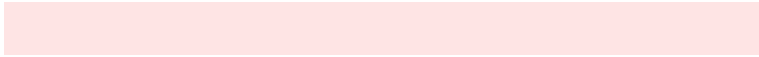
73.7282, 82.1591, 94.1721



76.4831, 82.1591, 102.8024

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.6223, 82.1627, 84.9043



91.4509, 94.7337, 101.7446



86.5068, 83.7145, 105.3658



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000

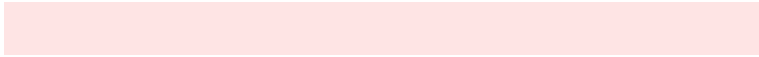


20.3446, 21.4041, 23.3091



# Same Dimension

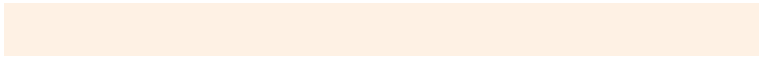
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6223, 82.1627, 84.9043



81.5136, 80.1931, 81.9883



86.3329, 89.5838, 86.1411



18.0097, 17.9876, 18.6671



21.5492, 11.1095, 1.0086



2.0983, 1.0819, 0.0982



# Inverse Universe

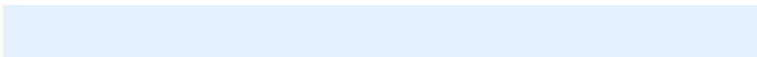
The Inverse Universe completely reimagines the original color for something new.



85.3256, 94.5313, 107.5159



84.6729, 94.6478, 108.4139



81.3406, 86.5614, 106.1876



18.5547, 20.4809, 23.2252



28.1095, 41.1285, 55.8917

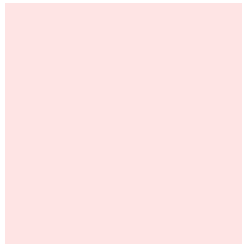


2.7370, 4.0047, 5.4420



# Previews

## White Background



This preview shows how the XYZ color 82.6200, 82.1591, 84.9025 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

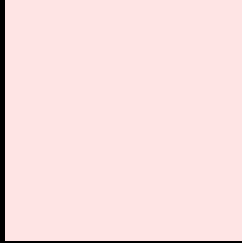
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 82.6200, 82.1591, 84.9025 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

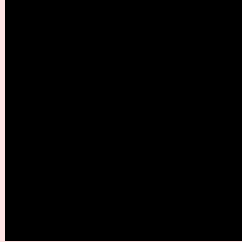
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

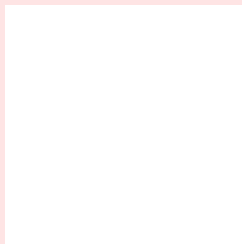
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 82.6200, 82.1591, 84.9025

## Background



This preview shows how black text looks on a background with the XYZ color 82.6200, 82.1591, 84.9025.



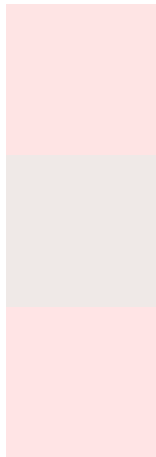
This preview shows how white text looks on a background with the XYZ color 82.6200, 82.1591,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

82.6200, 82.1591, 84.9025

### Protanopia

79.1593, 82.3981, 87.3336

### Deuteranopia

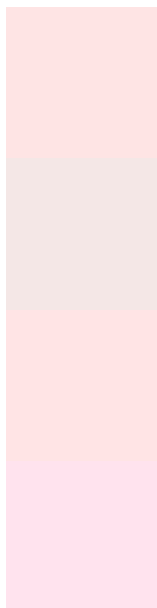
83.1263, 82.4039, 85.6531



## Tritanopia

84.6140, 82.1238, 96.1859

# Trichromacy



## Original Color

82.6200, 82.1591, 84.9025

## Protanomaly

80.1671, 82.0981, 86.4842

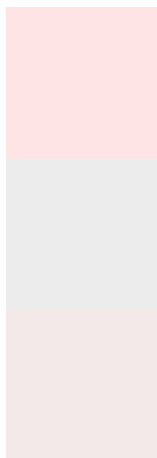
## Deuteranomaly

83.1263, 82.4039, 85.6531

## Tritanomaly

84.1417, 82.3712, 92.3534

# Monochromacy



## Original Color

82.6200, 82.1591, 84.9025

## Achromatopsia

79.7278, 83.8799, 91.3452

## Achromatomaly

80.8090, 83.2157, 88.8939

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.6200, 82.1591, 84.9025 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(254, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 228) }
```

## Border

The CSS property to change the border of an element to XYZ 82.6200, 82.1591, 84.9025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 228, 228) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(254, 228, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
228) }
```

# Background

The CSS property to change the background color of an element to XYZ 82.6200, 82.1591, 84.9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
228, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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