

Converting Colors

XYZ(75.3914, 76.8748, 81.8039)

Have a look what the booklet for
XYZ(75.3914, 76.8748, 81.8039)
contains.

XYZ(75.5062, 76.9247, 82.1025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.5062, 76.9247,
82.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE0E1
RGB	238, 224, 225
RGB Percent	93%, 88%, 88%
CMY	0.0667, 0.1215, 0.1176
CMYK	0.00, 0.06, 0.05, 0.07
HSL	356°, 29%, 91%
HSV	356°, 6%, 93%
XYZ	75.5062, 76.9247, 82.1025
YIQ	228.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

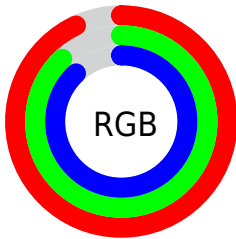
Format	Color
R _{YB}	238, 224, 225
Decimal	15655137
CIE Lab	90.29, 4.94, 1.22
CIE LCh	90, 5.089, 13.817
Yxy	76.9247, 0.3219, 0.3280
Android (android.graphics.Color)	4293845217 (0xFFEEE0E1)
YUV	228.3000, -1.6269, 8.5069
Hunter-Lab	87.7067, 0.1828, 5.8932

Details

The XYZ color **75.5062, 76.9247, 82.1025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6040, 83.1129, 92.1299**, and the grayscale version is **73.9717, 77.8240, 84.7503**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7351, 41.2233, 43.8401** is the 20% darker color. If you saturate the color by 10%, you get **66.7293, 63.8880, 65.2489**, and if you desaturate by 10%, it is **85.5733, 91.9149, 101.3143**.

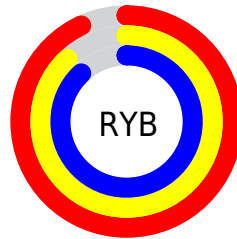
Distribution



Red (93%)

Green (88%)

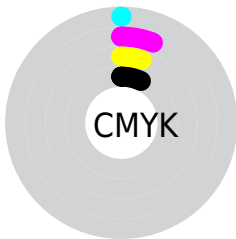
Blue (88%)



Red (93%)

Yellow (88%)

Blue (88%)

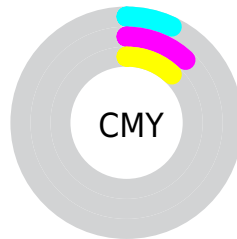


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5062, 76.9247, 82.1025 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 75.5062, 76.9247, 82.1025 by changing the saturation by 10% instead.

75.5062, 76.9247,
82.1025

75.5062, 76.9247,
82.1025

468.6261,
484.5073, 521.8829

56.3233, 57.1911,
60.9137

126.0127,
129.0332, 138.1557

40.7002, 41.1587,
43.7254

158.0671,
162.1768, 173.8572

28.2716, 28.4431,
30.1191

195.1427,
200.5593, 215.2334

18.6720, 18.6599,
19.6762

237.6048,
244.5649, 262.7027

11.5361, 11.4248,
11.9782

285.8189,
294.5781, 316.6838

6.4986, 6.3533,
6.6064

340.1502,

3.1941, 3.0611,

350.9833, 377.5952

3.1425

400.9641,
414.1649, 445.8554

■ 1.2572, 1.1637,
1.1679

■ 0.1508, 0.0318,
0.0000

■ 75.5062, 76.9247,
82.1025

■ 75.5062, 76.9247,
82.1025

■ 66.7293, 63.8880,
65.2489

■ 85.5733, 91.9149,
101.3143

■ 59.1841, 52.7148,
50.6580

■ 89.0704, 96.9174,
108.6202

■ 52.8175, 43.3230,
38.2347

■ 47.5699, 35.6206,
27.8758

■ 43.3765, 29.5072,
19.4691

■ 40.1657, 24.8718,
12.8922

■ 37.8572, 21.5892,
8.0086

■ 36.3578, 19.5136,
4.6627

■ 35.5537, 18.4650,
2.6700

Harmonies

Analogous

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



75.4796, 76.9247, 85.7178



75.5062, 76.9247, 82.1025



74.8868, 76.9247, 79.0190

Triad

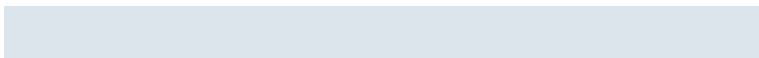
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5062, 76.9247, 82.1025



71.4407, 76.9247, 78.8232



72.4377, 76.9247, 90.6396

Complementary

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



75.5062, 76.9247, 82.1025



76.6040, 83.1129, 92.1299

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.



71.3706, 76.9247, 88.6826



75.5062, 76.9247, 82.1025



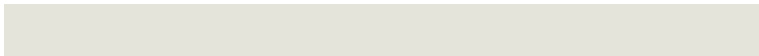
70.7996, 76.9247, 81.8281

Square

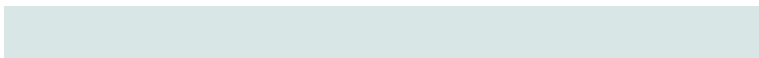
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5062, 76.9247, 82.1025



72.5343, 76.9247, 77.1630



70.7741, 76.9247, 85.4354



73.6980, 76.9247, 90.7182

Rectangle

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



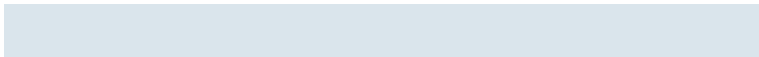
75.5062, 76.9247, 82.1025



74.1950, 76.9247, 77.6508



70.7741, 76.9247, 85.4354



72.0448, 76.9247, 90.1771

Sweetspot

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



75.5084, 76.9281, 82.1042



92.6911, 96.4877, 104.3974



76.9600, 77.4636, 91.7858



19.8644, 20.6891, 22.3925



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.



75.5084, 76.9281, 82.1042



87.0621, 88.1130, 93.6318



76.9672, 80.0626, 81.9220



16.1954, 16.3373, 17.3227



19.7445, 10.1702, 1.3054



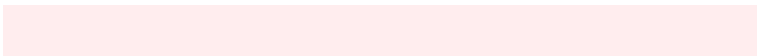
1.6584, 0.8524, 0.1918

Inverse Universe

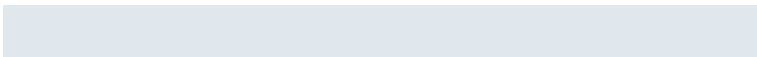
The Inverse Universe completely reimagines the original color for something new.



75.5084, 76.9281, 82.1042



87.0621, 88.1130, 93.6318



75.0795, 79.8302, 92.3417



16.1954, 16.3373, 17.3227



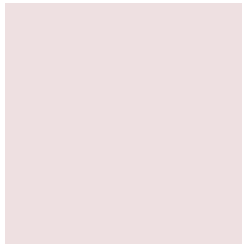
19.7445, 10.1702, 1.3054



1.6584, 0.8524, 0.1918

Previews

White Background



This preview shows how the XYZ color 75.5062, 76.9247, 82.1025 looks on a white background.

Color Contrast Check

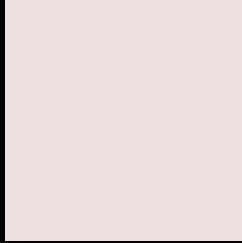
Large Text (above 18pt) WCAG AA × Fail

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 75.5062, 76.9247, 82.1025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

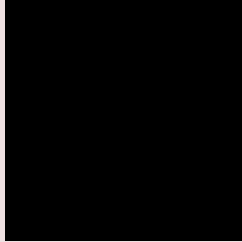
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

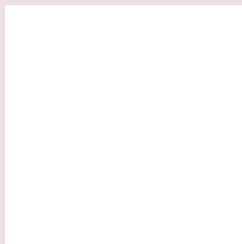
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5062, 76.9247, 82.1025

Background



This preview shows how black text looks on a background with the XYZ color 75.5062, 76.9247, 82.1025.



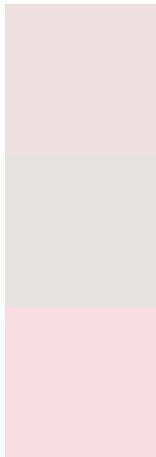
This preview shows how white text looks on a background with the XYZ color 75.5062, 76.9247,

82.1025.

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

75.5062, 76.9247, 82.1025

Protanopia

73.8788, 76.8726, 82.8956

Deuteranopia

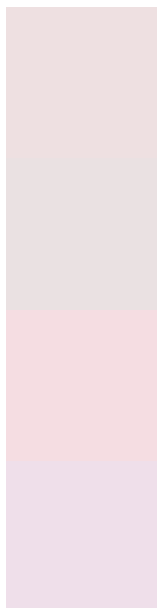
78.3876, 76.8171, 82.6472



Tritanopia

77.6364, 76.9998, 92.4319

Trichromacy



Original Color

75.5062, 76.9247, 82.1025

Protanomaly

74.5844, 76.8338, 82.8509

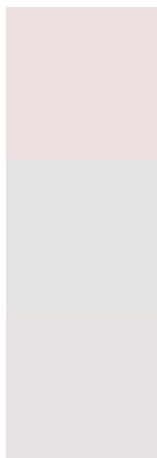
Deuteranomaly

77.2401, 76.6164, 82.6690

Tritanomaly

76.8356, 77.0666, 88.6676

Monochromacy



Original Color

75.5062, 76.9247, 82.1025

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6129, 77.6400, 83.7265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5062, 76.9247, 82.1025 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(238, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 225)  
}
```

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(238, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.5062, 76.9247, 82.1025 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(238, 224, 225) }
```


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

```
.border{ border-color:rgb(238, 224, 225) }
```

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

Here you see how a box with a 4 pixel rgb(238, 224, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5062, 76.9247, 82.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 225) }
```

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

```
.background{ background-color: rgb(238,  
224, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor