

Converting Colors

XYZ(81.5404, 80.2315, 82.0441)

Have a look what the booklet for
XYZ(81.5404, 80.2315, 82.0441)
contains.

XYZ(81.3502, 79.9531, 81.6659)	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(81.3502, 79.9531,
81.6659)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0E0
RGB	255, 224, 224
RGB Percent	100%, 88%, 88%
CMY	0.0000, 0.1215, 0.1216
CMYK	0.00, 0.12, 0.12, 0.00
HSL	0°, 100%, 94%
HSV	0°, 12%, 100%
XYZ	81.3502, 79.9531, 81.6659
YIQ	233.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 224, 224
Decimal	16769248
CIE _{Lab}	91.66, 10.66, 3.91
CIE _{LCh}	92, 11.354, 20.157
Yxy	79.9531, 0.3348, 0.3291
Android (android.graphics.Color)	4294959328 (0xFFFFE0E0)
YUV	233.2690, -4.5696, 19.0581
Hunter-Lab	89.4165, 5.9186, 8.4408

Details

The XYZ color **81.3502, 79.9531, 81.6659** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5496, 94.5847, 108.4082**, and the grayscale version is **77.6799, 81.7253, 88.9989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6381, 43.2463, 43.5308** is the 20% darker color. If you saturate the color by 10%, you get **71.8018, 65.9820, 62.6814**, and if you desaturate by 10%, it is **92.4484, 96.1933, 103.7279**.

Distribution



Red (100%)

Green (88%)

Blue (88%)



Red (100%)

Yellow (88%)

Blue (88%)



Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3502, 79.9531, 81.6659 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 81.3502, 79.9531, 81.6659 by changing the saturation by 10% instead.


 81.3502, 79.9531,
81.6659

 81.3502, 79.9531,
81.6659


488.1390,
494.7748, 520.3835

 61.1423, 59.6798,
60.5560

134.2030,
133.2998, 137.5379

 44.5930, 43.1606,
43.4387


167.5786,
167.1419, 173.1370

 31.3369, 30.0111,
29.8955


206.0742,
206.2758, 214.4029

 21.0086, 19.8470,
19.5079

250.0551,
251.0858, 261.7542

 13.2428, 12.2839,
11.8573

299.8867,
301.9563, 315.6093

 7.6741, 6.9373,
6.5253

355.9343,

 3.9372, 3.4229,

359.2717, 376.3869

3.0931

418.5633,
423.4164, 444.5055

■ 1.6666, 1.3563,
1.1424

■ 0.4353, 0.1842,
0.0000

■ 81.3502, 79.9531,
81.6659

■ 81.3502, 79.9531,
81.6659

■ 71.8018, 65.9820,
62.6814

■ 92.4484, 96.1933,
103.7279

■ 63.7291, 54.1694,
46.6328

95.0500, 100.0000,
108.9000

■ 57.0602, 44.4109,
33.3754

■ 51.7150, 36.5893,
22.7496

■ 47.6054, 30.5755,
14.5804

■ 44.6324, 26.2250,
8.6710

■ 42.6822, 23.3709,
4.7950

■ 41.6171, 21.8121,
2.6786

■ 41.2404, 21.2608,
1.9301

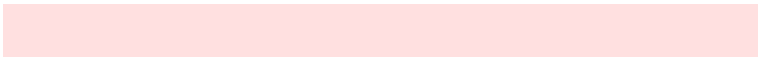
Harmonies

Analogous

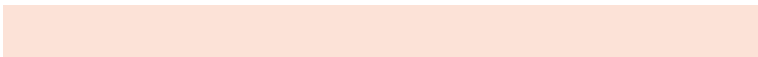
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6221, 79.9531, 89.8146



81.3502, 79.9531, 81.6659



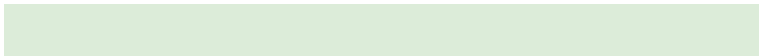
79.6228, 79.9531, 75.3574

Triad

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



81.3502, 79.9531, 81.6659



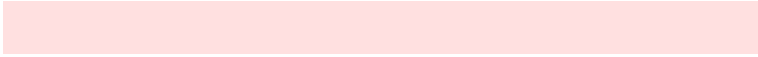
71.7904, 79.9531, 77.2170



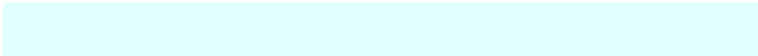
75.0436, 79.9531, 103.7617

Complementary

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



81.3502, 79.9531, 81.6659



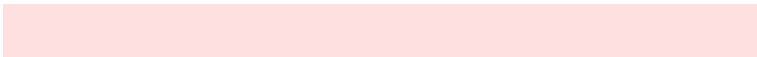
84.5496, 94.5847, 108.4082

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.



72.4753, 79.9531, 99.9053



81.3502, 79.9531, 81.6659



70.6289, 79.9531, 84.3532

Square

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



81.3502, 79.9531, 81.6659



74.0871, 79.9531, 72.9043



70.8764, 79.9531, 92.6768



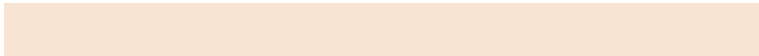
77.9313, 79.9531, 102.9283

Rectangle

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



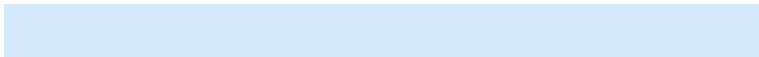
81.3502, 79.9531, 81.6659



77.9020, 79.9531, 72.8777



70.8764, 79.9531, 92.6768



74.1155, 79.9531, 102.9619

Sweetspot

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



81.3520, 79.9565, 81.6676



90.2833, 93.0251, 99.4234



85.9461, 81.7922, 105.8654



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



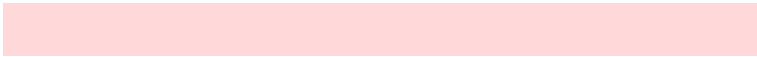
20.3446, 21.4041, 23.3091

Same Dimension

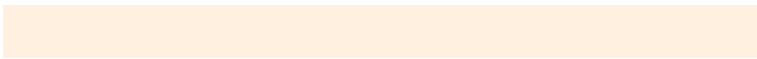
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3520, 79.9565, 81.6676



78.4817, 75.7565, 75.9613



85.7081, 88.6686, 83.1196



18.0097, 17.9875, 18.6671



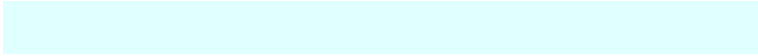
21.5491, 11.1094, 1.0086



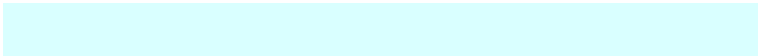
2.0982, 1.0818, 0.0982

Inverse Universe

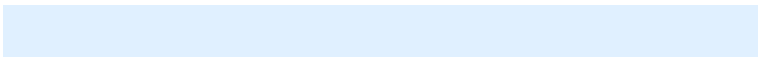
The Inverse Universe completely reimagines the original color for something new.



84.5496, 94.5847, 108.4082



82.3493, 93.4500, 108.3051



79.8043, 85.0942, 106.8264



18.5547, 20.4810, 23.2252



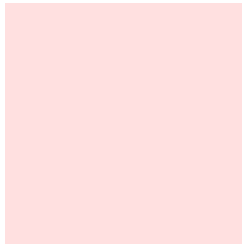
28.1109, 41.1314, 55.8921



2.7371, 4.0050, 5.4420

Previews

White Background



This preview shows how the XYZ color 81.3502, 79.9531, 81.6659 looks on a white background.

Color Contrast Check

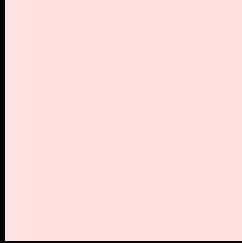
Large Text (above 18pt) WCAG AA × Fail

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 81.3502, 79.9531, 81.6659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

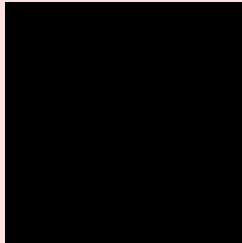
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

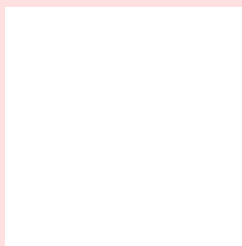
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3502, 79.9531, 81.6659

Background



This preview shows how black text looks on a background with the XYZ color 81.3502, 79.9531, 81.6659.



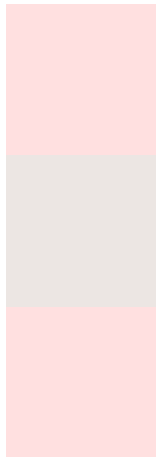
This preview shows how white text looks on a background with the XYZ color 81.3502, 79.9531,

81.6659.

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

81.3502, 79.9531, 81.6659

Protanopia

76.7540, 79.9725, 84.0639

Deuteranopia

81.3502, 79.9531, 81.6659



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

81.3502, 79.9531, 81.6659

Protanomaly

78.4330, 80.0325, 83.2655

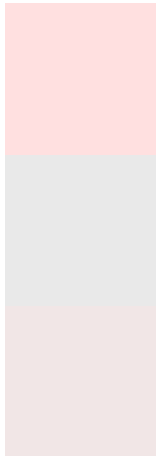
Deuteranomaly

81.3502, 79.9531, 81.6659

Tritanomaly

82.3357, 79.9185, 88.1771

Monochromacy



Original Color

81.3502, 79.9531, 81.6659

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8554, 81.0076, 86.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3502, 79.9531, 81.6659 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(255, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 224)  
}
```

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(255, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.3502, 79.9531, 81.6659 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(255, 224, 224) }
```


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

```
.border{ border-color:rgb(255, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3502, 79.9531, 81.6659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 224) }
```

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

```
.background{ background-color: rgb(255,  
224, 224) }
```

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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