

Converting Colors

XYZ(21.6728, 20.6418, 20.9100)

Have a look what the booklet for
XYZ(21.6728, 20.6418, 20.9100)
contains.

XYZ(21.5496, 20.5034, 20.9109)	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(21.5496, 20.5034,
20.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	907779
RGB	144, 119, 121
RGB Percent	56%, 47%, 47%
CMY	0.4353, 0.5333, 0.5255
CMYK	0.00, 0.17, 0.16, 0.44
HSL	355°, 10%, 52%
HSV	355°, 17%, 56%
XYZ	21.5496, 20.5034, 20.9109
YIQ	126.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

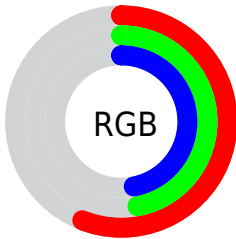
Format	Color
R_{YB}	144, 119, 121
Decimal	9467769
CIE _{Lab}	52.40, 10.05, 2.54
CIE _{LCh}	52, 10.368, 14.204
Yxy	20.5034, 0.3423, 0.3256
Android (android.graphics.Color)	4287657849 (0xFF907779)
YUV	126.7030, -2.8116, 15.1695
Hunter-Lab	45.2807, 5.7090, 4.3160

Details

The XYZ color **21.5496, 20.5034, 20.9109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4643, 25.8219, 29.3926**, and the grayscale version is **20.0773, 21.1229, 23.0029**.

A 20% lighter version of the original color is **45.3944, 44.1487, 45.6642**, and **7.9700, 7.3147, 7.2951** is the 20% darker color. If you saturate the color by 10%, you get **19.2065, 17.0293, 16.3928**, and if you desaturate by 10%, it is **24.2651, 24.5433, 26.1043**.

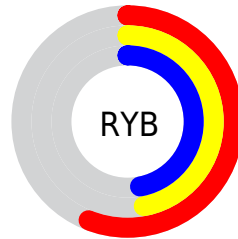
Distribution



Red (56%)

Green (47%)

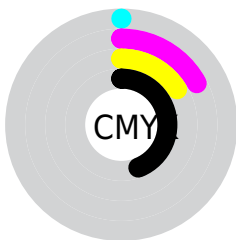
Blue (47%)



Red (56%)

Yellow (47%)

Blue (47%)

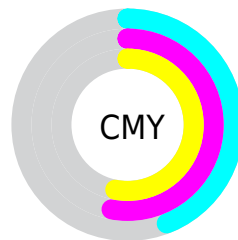


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5496, 20.5034, 20.9109 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 21.5496, 20.5034, 20.9109 by changing the saturation by 10% instead.

■ 21.5496, 20.5034,
20.9109

■ 21.5496, 20.5034,
20.9109

252.8619,
254.6274, 269.5701

■ 13.6411, 12.7615,
12.8683

■ 45.4849, 44.2596,
45.8181

■ 7.9515, 7.2645,
7.2082

■ 62.2423, 61.0426,
63.5197

■ 4.1155, 3.6281,
3.5123

■ 82.6801, 81.6082,
85.2781

■ 1.7677, 1.4678,
1.3618

107.1636,
106.3407, 111.5117

■ 0.4981, 0.2659,
0.1116

136.0582,
135.6244, 142.6392

■ 0.0000, 0.0000,
0.0000

169.7292,

169.8439, 179.0791

208.5420,
209.3834, 221.2499

■ 21.5496, 20.5034,
20.9109

■ 21.5496, 20.5034,
20.9109

■ 19.2065, 17.0293,
16.3928

■ 24.2651, 24.5433,
26.1043

■ 17.2180, 14.0932,
12.5209

■ 27.3666, 29.1699,
31.9978

■ 15.5673, 11.6690,
9.2662

■ 30.8688, 34.4062,
38.6165

■ 14.2355, 9.7274,
6.5966

■ 34.7855, 40.2732,
45.9839

■ 13.2020, 8.2361,
4.4774

■ 39.1295, 46.7911,
54.1224

■ 12.4437, 7.1588,
2.8702

■ 43.9133, 53.9789,
63.0535

■ 11.9340, 6.4536,
1.7313

■ 49.1488, 61.8550,
72.7979

■ 11.6292, 6.0464,
1.0063

■ 54.8473, 70.4370,
83.3755

■ 11.5651, 5.9547,
0.8720

■ 61.0198, 79.7420,
94.8055

Harmonies

Analogous

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



21.5338, 20.5034, 23.9661



21.5496, 20.5034, 20.9109



20.9991, 20.5034, 18.4661

Triad

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



21.5496, 20.5034, 20.9109



18.0893, 20.5034, 18.3644



18.9336, 20.5034, 28.4830

Complementary

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



21.5496, 20.5034, 20.9109



22.4643, 25.8219, 29.3926

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.



18.0509, 20.5034, 26.6866



21.5496, 20.5034, 20.9109



17.5758, 20.5034, 20.7600

Square

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



21.5496, 20.5034, 20.9109



18.9877, 20.5034, 17.0895



17.5620, 20.5034, 23.8009



19.9967, 20.5034, 28.5328

Rectangle

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



21.5496, 20.5034, 20.9109



20.3963, 20.5034, 17.4321



17.5620, 20.5034, 23.8009



18.6068, 20.5034, 28.0565

Sweetspot

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



21.5502, 20.5043, 20.9113



43.9716, 45.0377, 48.2776



22.7725, 20.9516, 29.2296



10.0077, 10.2150, 10.9266



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.5502, 20.5043, 20.9113



36.2487, 33.5514, 33.4966



22.7372, 23.0724, 20.7089



5.4253, 5.4306, 5.7376



10.0751, 5.1870, 0.7807



0.0991, 0.0507, 0.0221

Inverse Universe

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



21.5502, 20.5043, 20.9113



36.2487, 33.5514, 33.4966



21.1102, 22.8715, 29.6878



5.4253, 5.4306, 5.7376



10.0751, 5.1870, 0.7807



0.0991, 0.0507, 0.0221

Previews

White Background



This preview shows how the XYZ color 21.5496, 20.5034, 20.9109 looks on a white background.

Color Contrast Check

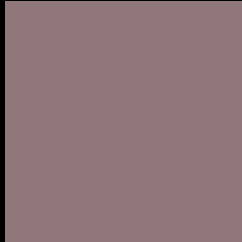
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5496, 20.5034, 20.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

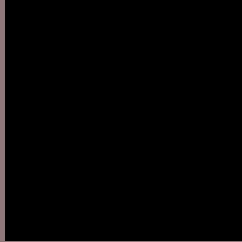
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5496, 20.5034, 20.9109

Background



This preview shows how black text looks on a background with the XYZ color 21.5496, 20.5034, 20.9109.



This preview shows how white text looks on a background with the XYZ color 21.5496, 20.5034,

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

21.5496, 20.5034, 20.9109

Protanopia

19.8738, 20.7117, 22.0191

Deuteranopia

20.9360, 20.5442, 20.9511



Tritanopia

21.9863, 20.5089, 22.8785

Trichromacy



Original Color

21.5496, 20.5034, 20.9109

Protanomaly

20.4896, 20.6643, 21.6476

Deuteranomaly

21.1522, 20.4761, 20.9266

Tritanomaly

21.8572, 20.4573, 22.1987

Monochromacy



Original Color

21.5496, 20.5034, 20.9109

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5822, 20.8825, 22.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5496, 20.5034, 20.9109 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(144, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 119, 121)  
}
```

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(144, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 119, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.5496, 20.5034, 20.9109 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(144, 119, 121) }
```


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

```
.border{ border-color:rgb(144, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 119,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5496, 20.5034, 20.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 119, 121) }
```

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

```
.background{ background-color: rgb(144,  
119, 121) }
```

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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