

Converting Colors

XYZ(20.9457, 21.5671, 25.6132)

Have a look what the booklet for
XYZ(20.9457, 21.5671, 25.6132)
contains.

XYZ(20.9457, 21.5671, 25.6132)	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(20.9457, 21.5671,
25.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	817F86
RGB	129, 127, 134
RGB Percent	51%, 50%, 53%
CMY	0.4941, 0.5019, 0.4745
CMYK	0.04, 0.05, 0.00, 0.47
HSL	257°, 3%, 51%
HSV	257°, 5%, 53%
XYZ	20.9457, 21.5671, 25.6132
YIQ	128.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

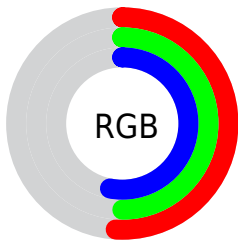
Format	Color
R_{YB}	129, 127, 134
Decimal	8486790
CIE _{Lab}	53.56, 2.16, -3.52
CIE _{LCh}	54, 4.133, 301.553
Yxy	21.5671, 0.3075, 0.3166
Android (android.graphics.Color)	4286676870 (0xFF817F86)
YUV	128.3960, 2.7628, 0.5297
Hunter-Lab	46.4404, -0.7630, -0.1919

Details

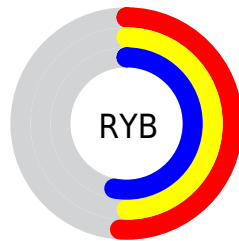
The XYZ color **20.9457, 21.5671, 25.6132** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8724, 23.4887, 23.4607**, and the grayscale version is **20.6468, 21.7221, 23.6554**.

A 20% lighter version of the original color is **44.5823, 46.1755, 53.5767**, and **7.6329, 7.7943, 9.4897** is the 20% darker color. If you saturate the color by 10%, you get **17.9422, 17.6187, 25.0097**, and if you desaturate by 10%, it is **24.3170, 26.0480, 26.3007**.

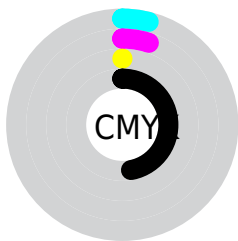
Distribution



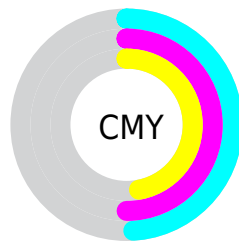
- Red (51%)
- Green (50%)
- Blue (53%)



- Red (51%)
- Yellow (50%)
- Blue (53%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9457, 21.5671, 25.6132 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 20.9457, 21.5671, 25.6132 by changing the saturation by 10% instead.

■ 20.9457, 21.5671,
25.6132

■ 20.9457, 21.5671,
25.6132

249.7270,
260.2772, 294.4229

■ 13.1966, 13.5392,
16.3113

■ 44.4891, 46.0295,
53.6267

■ 7.6420, 7.8009,
9.5880

■ 61.0141, 63.2327,
73.1754

■ 3.9166, 3.9678,
5.0246

■ 81.1950, 84.2631,
96.9768

■ 1.6550, 1.6556,
2.2027

105.3973,
109.5051, 125.4494

■ 0.4279, 0.3946,
0.6759

133.9863,
139.3431, 159.0118

■ 0.0000, 0.0000,
0.0000

167.3273,

174.1615, 198.0824

205.7858,
214.3448, 243.0800

■ 20.9457, 21.5671,
25.6132

■ 20.9457, 21.5671,
25.6132

■ 17.9422, 17.6187,
25.0097

■ 24.3170, 26.0480,
26.3007

■ 15.2918, 14.1801,
24.4857

■ 28.0663, 31.0775,
27.0739

■ 12.9816, 11.2309,
24.0382

■ 32.2057, 36.6745,
27.9361

■ 10.9973, 8.7485,
23.6636

■ 36.7463, 42.8562,
28.8900

■ 9.3234, 6.7082,
23.3580

■ 41.6986, 49.6388,
29.9381

■ 7.9431, 5.0832,
23.1171

■ 47.0729, 57.0382,
31.0831

■ 6.8379, 3.8437,
22.9361

■ 52.8790, 65.0696,
32.3273

■ 5.9869, 2.9554,
22.8095

■ 59.1263, 73.7475,
33.6730

■ 5.3617, 2.3701,
22.7295

■ 65.8241, 83.0861,
35.1225

Harmonies

Analogous

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



20.5219, 21.5671, 25.9945



20.9457, 21.5671, 25.6132



21.2533, 21.5671, 24.6585

Triad

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



20.9457, 21.5671, 25.6132



20.9054, 21.5671, 21.4122



19.6631, 21.5671, 23.5488

Complementary

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



20.9457, 21.5671, 25.6132



21.8724, 23.4887, 23.4607

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.



19.7625, 21.5671, 22.3453



20.9457, 21.5671, 25.6132



20.4759, 21.5671, 21.1386

Square

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



20.9457, 21.5671, 25.6132



21.2298, 21.5671, 22.2352



20.0585, 21.5671, 21.4741



19.7849, 21.5671, 24.7764

Rectangle

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



20.9457, 21.5671, 25.6132



21.3489, 21.5671, 23.8414



20.0585, 21.5671, 21.4741



19.6717, 21.5671, 23.1281

Sweetspot

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



20.9463, 21.5680, 25.6137



38.7212, 40.4058, 45.4967



21.3098, 22.7410, 25.8209



8.7422, 9.1278, 10.2538



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.9463, 21.5680, 25.6137



36.3969, 37.3289, 45.0253



21.4846, 21.8455, 25.6389



4.7452, 4.8614, 5.8890



4.8001, 2.0087, 21.2714



0.0231, 0.0103, 0.0740

Inverse Universe

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



21.5865, 21.9140, 24.9231



37.7151, 38.0415, 43.5987



21.3366, 23.2124, 23.4356



4.9246, 4.9583, 5.6947



11.1860, 5.5387, 10.8178



0.0419, 0.0204, 0.0541

Previews

White Background



This preview shows how the XYZ color 20.9457, 21.5671, 25.6132 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 20.9457, 21.5671, 25.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

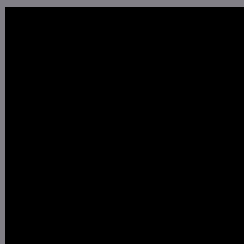
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

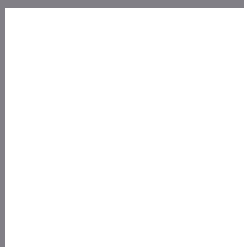
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9457, 21.5671, 25.6132

Background



This preview shows how black text looks on a background with the XYZ color 20.9457, 21.5671, 25.6132.



This preview shows how white text looks on a background with the XYZ color 20.9457, 21.5671,

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

20.9457, 21.5671, 25.6132

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

21.8974, 21.4829, 25.9142



Tritanopia

21.1580, 21.6520, 26.7310

Trichromacy

**Original Color**

20.9457, 21.5671, 25.6132

Protanomaly

20.7945, 21.4892, 25.6061

Deuteranomaly

21.5383, 21.4848, 25.9335

Tritanomaly

21.0866, 21.6234, 26.3549

Monochromacy

**Original Color**

20.9457, 21.5671, 25.6132

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6505, 21.6392, 24.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9457, 21.5671, 25.6132 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(129, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(129, 127, 134)  
}
```

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(129, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 127, 134) }
```

Border

The CSS property to change the border of an element to XYZ 20.9457, 21.5671, 25.6132 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(129, 127, 134) }
```


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

```
.border{ border-color:rgb(129, 127, 134) }
```

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

Here you see how a box with a 4 pixel rgb(129, 127, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(129, 127,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9457, 21.5671, 25.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 127, 134) }
```

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

```
.background{ background-color: rgb(129,  
127, 134) }
```

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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