

Converting Colors

XYZ(20.7998, 26.3978, 25.3609)

Have a look what the booklet for
XYZ(20.7998, 26.3978, 25.3609)
contains.

XYZ(20.8288, 26.4546, 25.4812)	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(20.8288, 26.4546,
25.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	699683
RGB	105, 150, 131
RGB Percent	41%, 59%, 51%
CMY	0.5882, 0.4118, 0.4863
CMYK	0.30, 0.00, 0.13, 0.41
HSL	155°, 18%, 50%
HSV	155°, 30%, 59%
XYZ	20.8288, 26.4546, 25.4812
YIQ	134.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

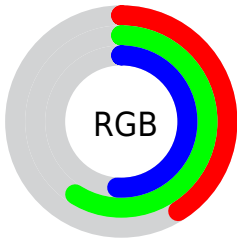
Format	Color
RYB	105, 134, 150
Decimal	6919811
CIELab	58.47, -19.53, 5.14
CIELCh	58, 20.192, 165.250
Yxy	26.4546, 0.2862, 0.3636
Android (android.graphics.Color)	4285109891 (0xFF699683)
YUV	134.3790, -1.6658, -25.7654
Hunter-Lab	51.4340, -17.7239, 6.6307

Details

The XYZ color **20.8288, 26.4546, 25.4812** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2683, 18.0432, 21.4317**, and the grayscale version is **22.8115, 23.9995, 26.1354**.

A 20% lighter version of the original color is **44.1492, 53.8145, 53.4077**, and **7.6157, 10.3736, 9.5836** is the 20% darker color. If you saturate the color by 10%, you get **18.8039, 25.4595, 23.2139**, and if you desaturate by 10%, it is **23.1923, 27.6226, 27.9025**.

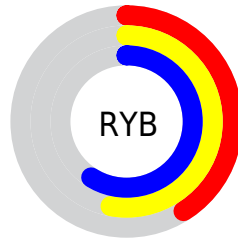
Distribution



Red (41%)

Green (59%)

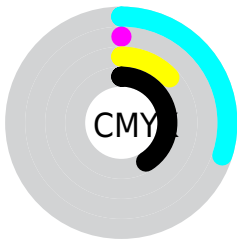
Blue (51%)



Red (41%)

Yellow (53%)

Blue (59%)

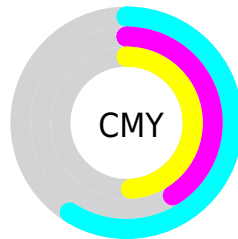


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (41%)



Cyan (59%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8288, 26.4546, 25.4812 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 20.8288, 26.4546, 25.4812 by changing the saturation by 10% instead.

■ 20.8288, 26.4546,
25.4812

■ 20.8288, 26.4546,
25.4812

249.1162,
285.0066, 293.7500

■ 13.1107, 17.1640,
16.2137

■ 44.2959, 54.0074,
53.4106

■ 7.5823, 10.3515,
9.5195

■ 60.7755, 73.0385,
72.9095

■ 3.8784, 5.6326,
4.9801

■ 80.9063, 96.0851,
96.6559

■ 1.6336, 2.6230,
2.1771

■ 105.0538,
123.5318, 125.0684

■ 0.4141, 0.9382,
0.6611

133.5831,
155.7629, 158.5655

■ 0.0000, 0.0000,
0.0000

166.8597,

193.1628, 197.5658

205.2490,
236.1159, 242.4878

■ 20.8288, 26.4546,
25.4812

■ 20.8288, 26.4546,
25.4812

■ 18.8039, 25.4595,
23.2139

■ 23.1923, 27.6226,
27.9025

■ 17.0984, 24.6254,
21.0957

■ 25.9076, 28.9682,
30.4790

■ 15.6950, 23.9441,
19.1236

■ 28.9902, 30.5000,
33.2145

■ 14.5732, 23.4052,
17.2943

■ 32.4538, 32.2250,
36.1117

■ 13.7103, 22.9968,
15.6040

■ 36.3113, 34.1498,
39.1735

■ 13.0795, 22.7054,
14.0487

■ 40.5752, 36.2809,
42.4026

■ 12.6134, 22.4962,
12.6225

■ 45.2574, 38.6242,
45.8017

■ 50.3691, 41.1857,
49.3733

■ 55.9212, 43.9707,
53.1201

Harmonies

Analogous

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



21.9225, 26.4546, 20.2570



20.8288, 26.4546, 25.4812



20.8383, 26.4546, 32.5293

Triad

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



20.8288, 26.4546, 25.4812



26.4133, 26.4546, 44.0066



28.6352, 26.4546, 20.1907

Complementary

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



20.8288, 26.4546, 25.4812



21.2683, 18.0432, 21.4317

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.



30.0061, 26.4546, 25.3756



20.8288, 26.4546, 25.4812



28.6672, 26.4546, 39.4708

Square

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



20.8288, 26.4546, 25.4812



23.9554, 26.4546, 44.0474



30.0182, 26.4546, 32.4050



26.3719, 26.4546, 17.5595

Rectangle

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



20.8288, 26.4546, 25.4812



21.4647, 26.4546, 37.3818



30.0182, 26.4546, 32.4050



29.2221, 26.4546, 21.6513

Sweetspot

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



20.8295, 26.4557, 25.4818



46.1421, 51.3302, 54.1731



21.8417, 27.1562, 17.4556



10.0747, 11.3005, 11.8672



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.8295, 26.4557, 25.4818



34.2958, 45.4747, 42.2534



21.7653, 26.0738, 32.7409



5.8616, 6.5212, 6.8820



10.4771, 18.6636, 10.5540



0.1430, 0.2343, 0.2069

Inverse Universe

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



21.2683, 18.0432, 21.4317



35.1990, 28.1824, 33.9348



20.4909, 18.2298, 15.8038



5.8963, 5.8536, 6.5602



11.1990, 5.6847, 4.5292



0.1513, 0.0753, 0.1302

Previews

White Background



This preview shows how the XYZ color 20.8288, 26.4546, 25.4812 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 20.8288, 26.4546, 25.4812 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 20.8288, 26.4546, 25.4812

Background



This preview shows how black text looks on a background with the XYZ color 20.8288, 26.4546, 25.4812.



This preview shows how white text looks on a background with the XYZ color 20.8288, 26.4546,

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

20.8288, 26.4546, 25.4812

Protanopia

24.9980, 26.3735, 23.5117

Deuteranopia

26.6774, 26.1171, 26.1893



Tritanopia

23.0060, 26.4059, 36.2321

Trichromacy



Original Color

20.8288, 26.4546, 25.4812

Protanomaly

23.2296, 26.3303, 24.2800

Deuteranomaly

23.9282, 25.7680, 25.9029

Tritanomaly

22.0857, 26.2568, 31.9210

Monochromacy



Original Color

20.8288, 26.4546, 25.4812

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7801, 24.6606, 25.8023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8288, 26.4546, 25.4812 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(105, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 131)  
}
```

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(105, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.8288, 26.4546, 25.4812 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(105, 150, 131) }
```


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

```
.border{ border-color:rgb(105, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8288, 26.4546, 25.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 131) }
```

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

```
.background{ background-color: rgb(105,  
150, 131) }
```

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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