

Converting Colors

XYZ(20.5236, 26.6306, 21.2092)

Have a look what the booklet for
XYZ(20.5236, 26.6306, 21.2092)
contains.

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Color

**XYZ(20.5210, 26.6294,
21.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9776
RGB	108, 151, 118
RGB Percent	42%, 59%, 46%
CMY	0.5765, 0.4078, 0.5372
CMYK	0.28, 0.00, 0.22, 0.41
HSL	134°, 17%, 51%
HSV	134°, 28%, 59%
XYZ	20.5210, 26.6294, 21.1980
YIQ	134.3810, -15.0350, -19.3790

Conversions

Conversions Part 2

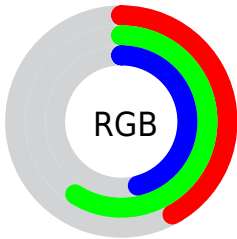
Format	Color
R_{YB}	108, 143, 151
Decimal	7116662
CIE _{Lab}	58.63, -21.72, 12.76
CIE _{LCh}	59, 25.193, 149.579
Yxy	26.6294, 0.3002, 0.3896
Android (android.graphics.Color)	4285306742 (0xFF6C9776)
YUV	134.3810, -8.0758, -23.1361
Hunter-Lab	51.6037, -19.3232, 11.7672

Details

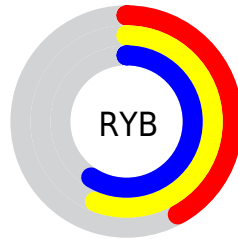
The XYZ color **20.5210, 26.6294, 21.1980** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9337, 19.2282, 27.7031**, and the grayscale version is **22.8336, 24.0228, 26.1608**.

A 20% lighter version of the original color is **43.5842, 54.0385, 46.1636**, and **7.4663, 10.4863, 7.4249** is the 20% darker color. If you saturate the color by 10%, you get **18.1943, 25.5055, 17.7126**, and if you desaturate by 10%, it is **23.2518, 27.9534, 25.1452**.

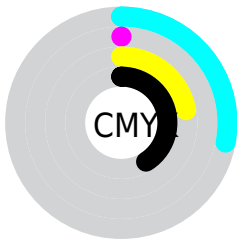
Distribution



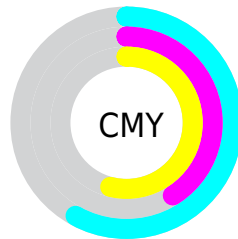
- Red (42%)
- Green (59%)
- Blue (46%)



- Red (42%)
- Yellow (56%)
- Blue (59%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5210, 26.6294, 21.1980 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 20.5210, 26.6294, 21.1980 by changing the saturation by 10% instead.

■ 20.5210, 26.6294,
21.1980

■ 20.5210, 26.6294,
21.1980

247.5020,
285.8582, 271.1444

■ 12.8848, 17.2951,
13.0762

■ 43.7863, 54.2886,
46.3019

■ 7.4257, 10.4451,
7.3497

■ 60.1461, 73.3823,
64.1210

■ 3.7784, 5.6951,
3.6000

■ 80.1444, 96.4979,
86.0097

■ 1.5776, 2.6606,
1.4086

■ 104.1466,
124.0197, 112.3863

■ 0.3777, 0.9572,
0.1484

132.5182,
156.3323, 143.6696

■ 0.0000, 0.0000,
0.0000

165.6243,

193.8200, 180.2780

203.8305,
236.8672, 222.6301

■ 20.5210, 26.6294,
21.1980

■ 20.5210, 26.6294,
21.1980

■ 18.1943, 25.5055,
17.7126

■ 23.2518, 27.9534,
25.1452

■ 16.2503, 24.5686,
14.6703

■ 26.4028, 29.4832,
29.5684

■ 14.6684, 23.8094,
12.0539

■ 29.9917, 31.2282,
34.4833

■ 13.4255, 23.2162,
9.8442

■ 34.0345, 33.1966,
39.9046

■ 12.4956, 22.7763,
8.0207

■ 38.5464, 35.3957,
45.8461

■ 11.8487, 22.4744,
6.5609

■ 43.5420, 37.8329,
52.3213

■ 11.4280, 22.2819,
5.4390

■ 49.0352, 40.5150,
59.3430

■ 11.3722, 22.2563,
5.2957

■ 55.0393, 43.4487,
66.9237

■ 61.5671, 46.6402,
75.0755

Harmonies

Analogous

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



22.4871, 26.6294, 16.5625



20.5210, 26.6294, 21.1980



19.8175, 26.6294, 28.8699

Triad

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



20.5210, 26.6294, 21.1980



25.2668, 26.6294, 49.5771



30.8424, 26.6294, 21.3744

Complementary

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



20.5210, 26.6294, 21.1980



22.9337, 19.2282, 27.7031

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.



31.7348, 26.6294, 29.1202



20.5210, 26.6294, 21.1980



28.3608, 26.6294, 46.4713

Square

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



20.5210, 26.6294, 21.1980



22.4172, 26.6294, 46.3001



30.7925, 26.6294, 38.5016



28.4425, 26.6294, 16.6488

Rectangle

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



20.5210, 26.6294, 21.1980



20.1109, 26.6294, 35.0846



30.7925, 26.6294, 38.5016



31.3369, 26.6294, 23.6541

Sweetspot

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



20.5217, 26.6305, 21.1986



46.8603, 52.5935, 52.3659



24.8755, 28.9400, 18.4626



10.4683, 11.8652, 11.6483



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.5217, 26.6305, 21.1986



34.0821, 46.3994, 33.9947



21.8986, 27.1813, 28.4493



6.1881, 6.9480, 6.9139



9.6838, 18.9370, 4.5556



0.1570, 0.2880, 0.1325

Inverse Universe

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



22.9337, 19.2282, 27.7031



39.1070, 30.9684, 47.5383



21.5272, 18.6655, 20.2964



6.3997, 6.2991, 7.4852



13.5447, 6.6721, 14.6595



0.2159, 0.1051, 0.2899

Previews

White Background



This preview shows how the XYZ color 20.5210, 26.6294, 21.1980 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 20.5210, 26.6294, 21.1980 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 20.5210, 26.6294, 21.1980

Background



This preview shows how black text looks on a background with the XYZ color 20.5210, 26.6294, 21.1980.



This preview shows how white text looks on a background with the XYZ color 20.5210, 26.6294,

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

20.5210, 26.6294, 21.1980

Protanopia

24.7531, 26.3380, 19.4019

Deuteranopia

26.8131, 26.2855, 21.7496



Tritanopia

23.4349, 26.6369, 35.8046

Trichromacy



Original Color

20.5210, 26.6294, 21.1980

Protanomaly

22.8993, 26.2527, 20.0800

Deuteranomaly

24.0704, 26.1566, 21.5494

Tritanomaly

22.2299, 26.6077, 29.9508

Monochromacy



Original Color

20.5210, 26.6294, 21.1980

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7318, 24.6747, 24.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5210, 26.6294, 21.1980 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(108, 151, 118)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 118)  
}
```

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(108, 151, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.5210, 26.6294, 21.1980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

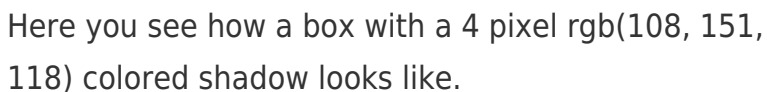
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 151, 118) }
```


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

```
.border{ border-color:rgb(108, 151, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 151, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 151, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 151, 118); box-shadow:4px 4px 4px 4px rgb(108, 151, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5210, 26.6294, 21.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 118) }
```

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

```
.background{ background-color: rgb(108,  
151, 118) }
```

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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