

Converting Colors

XYZ(21.0633, 26.6249, 26.6603)

Have a look what the booklet for
XYZ(21.0633, 26.6249, 26.6603)
contains.

XYZ(21.0351, 26.5372, 26.5678)	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(21.0351, 26.5372,
26.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	699686
RGB	105, 150, 134
RGB Percent	41%, 59%, 53%
CMY	0.5882, 0.4118, 0.4745
CMYK	0.30, 0.00, 0.11, 0.41
HSL	159°, 18%, 50%
HSV	159°, 30%, 59%
XYZ	21.0351, 26.5372, 26.5678
YIQ	134.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

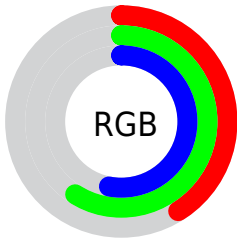
Format	Color
RYB	105, 132, 150
Decimal	6919814
CIELab	58.54, -18.87, 3.55
CIElCh	59, 19.199, 169.354
Yxy	26.5372, 0.2837, 0.3579
Android (android.graphics.Color)	4285109894 (0xFF699686)
YUV	134.7210, -0.3555, -26.0653
Hunter-Lab	51.5143, -17.2621, 5.4820

Details

The XYZ color **21.0351, 26.5372, 26.5678** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0813, 17.9683, 20.4473**, and the grayscale version is **22.9334, 24.1277, 26.2751**.

A 20% lighter version of the original color is **44.4671, 53.9417, 55.0818**, and **7.6930, 10.4045, 9.9903** is the 20% darker color. If you saturate the color by 10%, you get **19.0637, 25.5635, 24.5826**, and if you desaturate by 10%, it is **23.3375, 27.6808, 28.6676**.

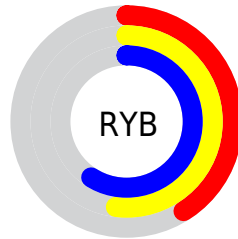
Distribution



Red (41%)

Green (59%)

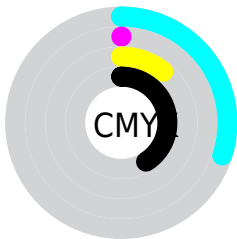
Blue (53%)



Red (41%)

Yellow (52%)

Blue (59%)

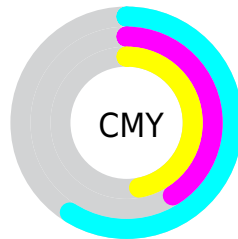


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (59%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0351, 26.5372, 26.5678 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 21.0351, 26.5372, 26.5678 by changing the saturation by 10% instead.

■ 21.0351, 26.5372,
26.5678

■ 21.0351, 26.5372,
26.5678

250.1932,
285.4093, 299.2520

■ 13.2623, 17.2260,
17.0193

■ 44.6368, 54.1403,
55.1848

■ 7.6876, 10.3957,
10.0862

■ 61.1963, 73.2010,
75.0905

■ 3.9458, 5.6621,
5.3498

■ 81.4155, 96.2802,
99.2856

■ 1.6715, 2.6407,
2.3916

■ 105.6597,
123.7625, 128.1887

■ 0.4384, 0.9472,
0.7819

134.2942,
156.0321, 162.2183

■ 0.0000, 0.0000,
0.0000

167.6843,

193.4735, 201.7931

206.1955,
236.4711, 247.3315

■ 21.0351, 26.5372,
26.5678

■ 21.0351, 26.5372,
26.5678

■ 19.0637, 25.5635,
24.5826

■ 23.3375, 27.6808,
28.6676

■ 17.4046, 24.7480,
22.7081

■ 25.9841, 28.9989,
30.8822

■ 16.0403, 24.0824,
20.9424

■ 28.9902, 30.5000,
33.2145

■ 14.9509, 23.5563,
19.2832

■ 32.3691, 32.1912,
35.6663

■ 14.1136, 23.1582,
17.7278

■ 36.1339, 34.0789,
38.2395

■ 13.5020, 22.8745,
16.2735

■ 40.2966, 36.1695,
40.9360

■ 13.0489, 22.6705,
14.9156

■ 44.8691, 38.4690,
43.7577

■ 49.8625, 40.9831,
46.7063

■ 55.2875, 43.7173,
49.7835

Harmonies

Analogous

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



21.9454, 26.5372, 21.2540



21.0351, 26.5372, 26.5678



21.1929, 26.5372, 33.4018

Triad

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



21.0351, 26.5372, 26.5678



26.7511, 26.5372, 42.9143



28.2841, 26.5372, 20.1410

Complementary

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



21.0351, 26.5372, 26.5678



21.0813, 17.9683, 20.4473

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.



29.7337, 26.5372, 24.8121



21.0351, 26.5372, 26.5678



28.8113, 26.5372, 38.1765

Square

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



21.0351, 26.5372, 26.5678



24.3967, 26.5372, 43.5802



29.9324, 26.5372, 31.3532



26.0673, 26.5372, 17.9454

Rectangle

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



21.0351, 26.5372, 26.5678



21.8858, 26.5372, 37.9079



29.9324, 26.5372, 31.3532



28.8829, 26.5372, 21.4367

Sweetspot

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



21.0358, 26.5383, 26.5684



46.2667, 51.3800, 54.8288



21.4124, 26.9349, 17.4353



10.1061, 11.3131, 12.0324



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.



21.0358, 26.5383, 26.5684



34.7248, 45.6463, 44.5125



21.3048, 25.1528, 32.5876



5.8774, 6.5276, 6.9655



10.8376, 18.8078, 12.4523



0.1467, 0.2358, 0.2265

Inverse Universe

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



21.0813, 17.9683, 20.4473



34.8206, 28.0310, 31.9422



20.8127, 18.8735, 15.9109



5.8809, 5.8474, 6.4790



10.9853, 5.5992, 3.4035



0.1475, 0.0738, 0.1106

Previews

White Background



This preview shows how the XYZ color 21.0351, 26.5372, 26.5678 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 21.0351, 26.5372, 26.5678 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

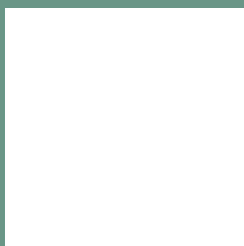
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0351, 26.5372, 26.5678

Background



This preview shows how black text looks on a background with the XYZ color 21.0351, 26.5372, 26.5678.



This preview shows how white text looks on a background with the XYZ color 21.0351, 26.5372,

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

21.0351, 26.5372, 26.5678

Protanopia

25.1284, 26.4257, 24.1983

Deuteranopia

26.8371, 26.3830, 27.3449



Tritanopia

22.8808, 26.3414, 36.2262

Trichromacy



Original Color

21.0351, 26.5372, 26.5678

Protanomaly

23.3626, 26.3835, 24.9803

Deuteranomaly

24.2853, 26.1457, 27.0592

Tritanomaly

22.0429, 26.2255, 32.3340

Monochromacy



Original Color

21.0351, 26.5372, 26.5678

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0634, 24.7905, 26.5439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0351, 26.5372, 26.5678 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 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(105, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.0351, 26.5372, 26.5678 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, 134) }
```


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

```
.border{ border-color:rgb(105, 150, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0351, 26.5372, 26.5678 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, 134) }
```

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

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