

Converting Colors

XYZ(21.6148, 27.3174, 24.4379)

Have a look what the booklet for
XYZ(21.6148, 27.3174, 24.4379)
contains.

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Color

**XYZ(21.6801, 27.3945,
24.5671)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9880
RGB	111, 152, 128
RGB Percent	44%, 60%, 50%
CMY	0.5647, 0.4039, 0.4980
CMYK	0.27, 0.00, 0.16, 0.40
HSL	145°, 17%, 52%
HSV	145°, 27%, 60%
XYZ	21.6801, 27.3945, 24.5671
YIQ	137.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

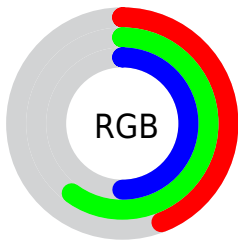
Format	Color
R_{YB}	111, 140, 152
Decimal	7313536
CIE _{Lab}	59.34, -19.23, 8.14
CIE _{LCh}	59, 20.882, 157.071
Yxy	27.3945, 0.2944, 0.3720
Android (android.graphics.Color)	4285503616 (0xFF6F9880)
YUV	137.0050, -4.4395, -22.8064
Hunter-Lab	52.3398, -17.6566, 8.8084

Details

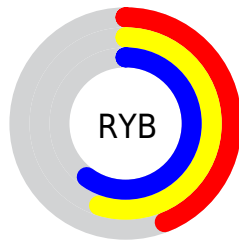
The XYZ color **21.6801, 27.3945, 24.5671** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.0075, 19.7943, 25.5310**, and the grayscale version is **23.8011, 25.0407, 27.2693**.

A 20% lighter version of the original color is **45.5161, 55.2653, 51.9844**, and **8.0516, 10.8960, 9.0759** is the 20% darker color. If you saturate the color by 10%, you get **19.3677, 26.2679, 21.5347**, and if you desaturate by 10%, it is **24.3709, 28.7117, 27.8865**.

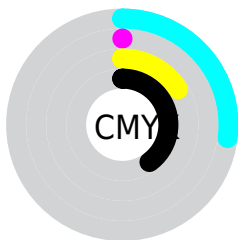
Distribution



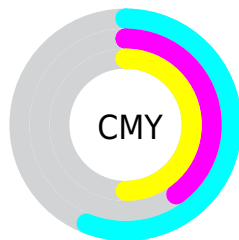
- Red (44%)
- Green (60%)
- Blue (50%)



- Red (44%)
- Yellow (55%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6801, 27.3945, 24.5671 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 21.6801, 27.3945, 24.5671 by changing the saturation by 10% instead.

■ 21.6801, 27.3945,
24.5671

■ 21.6801, 27.3945,
24.5671

253.5350,
289.5622, 289.0535

■ 13.7373, 17.8697,
15.5387

■ 45.6995, 55.5163,
51.9094

■ 8.0187, 10.8565,
9.0476

■ 62.5068, 74.8820,
71.0605

■ 4.1588, 5.9704,
4.6750

■ 82.9997, 98.2970,
94.4229

■ 1.7924, 2.8271,
2.0025

■ 107.5435,
126.1454, 122.4151

■ 0.5131, 1.0421,
0.5568

136.5036,
158.8117, 155.4558

■ 0.0000, 0.0000,
0.0000

170.2453,

196.6804, 193.9634

209.1340,
240.1357, 238.3564

■ 21.6801, 27.3945,
24.5671

■ 21.6801, 27.3945,
24.5671

■ 19.3677, 26.2679,
21.5347

■ 24.3709, 28.7117,
27.8865

■ 17.4136, 25.3195,
18.7798

■ 27.4543, 30.2246,
31.4985

■ 15.7994, 24.5406,
16.2951

■ 30.9468, 31.9420,
35.4108

■ 14.5037, 23.9206,
14.0719

■ 34.8629, 33.8715,
39.6302

■ 13.5030, 23.4473,
12.1015

■ 39.2167, 36.0202,
44.1634

■ 12.7700, 23.1068,
10.3744

■ 44.0215, 38.3947,
49.0167

■ 12.2613, 22.8772,
8.8798

■ 49.2899, 41.0014,
54.1965

■ 12.1266, 22.8166,
8.4708

■ 55.0343, 43.8467,
59.7087

■ 61.2663, 46.9364,
65.5592

Harmonies

Analogous

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



23.1256, 27.3945, 19.7592



21.6801, 27.3945, 24.5671



21.3642, 27.3945, 31.6340

Triad

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



21.6801, 27.3945, 24.5671



26.6608, 27.3945, 46.5028



30.2546, 27.3945, 21.9696

Complementary

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



21.6801, 27.3945, 24.5671



23.0075, 19.7943, 25.5310

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.



31.3473, 27.3945, 28.0920



21.6801, 27.3945, 24.5671



29.1844, 27.3945, 42.8413

Square

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



21.6801, 27.3945, 24.5671



24.1293, 27.3945, 45.1352



30.9431, 27.3945, 35.7909



28.0440, 27.3945, 18.4439

Rectangle

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



21.6801, 27.3945, 24.5671



21.8162, 27.3945, 36.8653



30.9431, 27.3945, 35.7909



30.7714, 27.3945, 23.7486

Sweetspot

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



21.6808, 27.3956, 24.5677



47.7774, 53.0130, 54.8150



24.1870, 28.8062, 19.3247



10.6768, 11.9596, 12.2481



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.



21.6808, 27.3956, 24.5677



35.8813, 47.1898, 40.2777



23.1221, 27.9721, 32.1572



6.2331, 6.9659, 7.1507



10.1822, 19.1363, 7.1800



0.1697, 0.2931, 0.1994

Inverse Universe

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



23.0075, 19.7943, 25.5310



38.5988, 31.6136, 42.2464



21.7345, 19.2851, 18.8272



6.3528, 6.2803, 7.2379



12.3842, 6.2079, 8.5483



0.2032, 0.1000, 0.2229

Previews

White Background



This preview shows how the XYZ color 21.6801, 27.3945, 24.5671 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 21.6801, 27.3945, 24.5671 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 21.6801, 27.3945, 24.5671

Background



This preview shows how black text looks on a background with the XYZ color 21.6801, 27.3945, 24.5671.



This preview shows how white text looks on a background with the XYZ color 21.6801, 27.3945,

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

21.6801, 27.3945, 24.5671

Protanopia

25.6426, 27.1656, 22.6309

Deuteranopia

27.5396, 27.0036, 25.2335



Tritanopia

24.1840, 27.4649, 36.8275

Trichromacy



Original Color

21.6801, 27.3945, 24.5671

Protanomaly

23.9722, 27.1893, 23.3866

Deuteranomaly

24.8576, 26.7085, 24.9642

Tritanomaly

23.1630, 27.2778, 32.0613

Monochromacy



Original Color

21.6801, 27.3945, 24.5671

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8782, 25.6564, 26.3006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6801, 27.3945, 24.5671 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(111, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 128)  
}
```

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(111, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.6801, 27.3945, 24.5671 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(111, 152, 128) }
```


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

```
.border{ border-color:rgb(111, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 152, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 152, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 152,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6801, 27.3945, 24.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 128) }
```

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

```
.background{ background-color: rgb(111,  
152, 128) }
```

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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