

Converting Colors

XYZ(21.0597, 25.3675, 27.3911)

Have a look what the booklet for
XYZ(21.0597, 25.3675, 27.3911)
contains.

XYZ(21.0712, 25.3719, 27.4536)	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(21.0712, 25.3719,
27.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9189
RGB	110, 145, 137
RGB Percent	43%, 57%, 54%
CMY	0.5686, 0.4314, 0.4627
CMYK	0.24, 0.00, 0.06, 0.43
HSL	166°, 14%, 50%
HSV	166°, 24%, 57%
XYZ	21.0712, 25.3719, 27.4536
YIQ	133.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

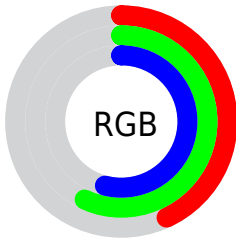
Format	Color
RYB	110, 130, 145
Decimal	7246217
CIELab	57.44, -13.92, 0.26
CIElCh	57, 13.924, 178.916
Yxy	25.3719, 0.2851, 0.3433
Android (android.graphics.Color)	4285436297 (0xFF6E9189)
YUV	133.6230, 1.6649, -20.7174
Hunter-Lab	50.3705, -13.4776, 2.9444

Details

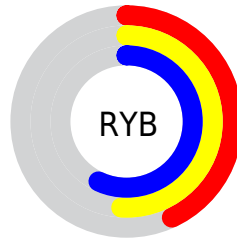
The XYZ color **21.0712, 25.3719, 27.4536** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5239, 18.4804, 19.6261**, and the grayscale version is **22.5212, 23.6941, 25.8028**.

A 20% lighter version of the original color is **44.6180, 52.2459, 56.4481**, and **7.6475, 9.6856, 10.4833** is the 20% darker color. If you saturate the color by 10%, you get **19.1786, 24.4240, 26.1431**, and if you desaturate by 10%, it is **23.2678, 26.4770, 28.8175**.

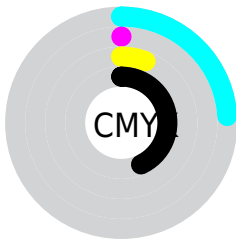
Distribution



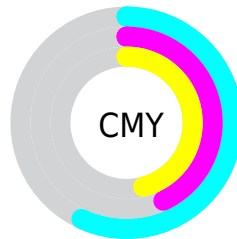
- Red (43%)
- Green (57%)
- Blue (54%)



- Red (43%)
- Yellow (51%)
- Blue (57%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (57%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0712, 25.3719, 27.4536 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 21.0712, 25.3719, 27.4536 by changing the saturation by 10% instead.

■ 21.0712, 25.3719,
27.4536

■ 21.0712, 25.3719,
27.4536

250.3812,
279.6850, 303.6761

■ 13.2888, 16.3544,
17.6787

■ 44.6964, 52.2599,
56.6235

■ 7.7061, 9.7752,
10.5525

■ 61.2699, 70.8992,
76.8555

■ 3.9577, 5.2502,
5.6565

■ 81.5045, 93.5144,
101.4104

■ 1.6782, 2.3948,
2.5719

■ 105.7655,
120.4901, 130.7067

■ 0.4426, 0.8232,
0.8779

134.4184,
152.2106, 165.1628

■ 0.0000, 0.0000,
0.0000

167.8283,

189.0604, 205.1974

206.3608,
231.4237, 251.2290

■ 21.0712, 25.3719,
27.4536

■ 21.0712, 25.3719,
27.4536

■ 19.1786, 24.4240,
26.1431

■ 23.2678, 26.4770,
28.8175

■ 17.5735, 23.6227,
24.8833

■ 25.7796, 27.7432,
30.2342

■ 16.2409, 22.9611,
23.6738

■ 28.6200, 29.1779,
31.7050

■ 15.1638, 22.4304,
22.5134

■ 31.8010, 30.7872,
33.2309

■ 14.3230, 22.0207,
21.4007

■ 35.3338, 32.5771,
34.8127

■ 13.6966, 21.7208,
20.3346

■ 39.2293, 34.5531,
36.4513

■ 13.2579, 21.5168,
19.3132

■ 43.4976, 36.7204,
38.1474

■ 13.0423, 21.4182,
18.7331

■ 48.1488, 39.0841,
39.9018

■ 53.1924, 41.6493,
41.7153

Harmonies

Analogous

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



21.4911, 25.3719, 23.1821



21.0712, 25.3719, 27.4536



21.4354, 25.3719, 32.2712

Triad

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



21.0712, 25.3719, 27.4536



25.6870, 25.3719, 36.3965



25.7959, 25.3719, 20.5321

Complementary

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



21.0712, 25.3719, 27.4536



20.5239, 18.4804, 19.6261

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.



27.0096, 25.3719, 23.4488



21.0712, 25.3719, 27.4536



26.9447, 25.3719, 32.6037

Square

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



21.0712, 25.3719, 27.4536



24.0551, 25.3719, 37.7772



27.4392, 25.3719, 27.7985



24.1755, 25.3719, 19.4782

Rectangle

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



21.0712, 25.3719, 27.4536



22.0837, 25.3719, 35.0809



27.4392, 25.3719, 27.7985



26.2677, 25.3719, 21.3095

Sweetspot

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



21.0719, 25.3729, 27.4542



44.7517, 48.9687, 53.3696



20.4346, 25.2409, 18.5474



9.9051, 10.8682, 11.8446



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0719, 25.3729, 27.4542



35.8162, 44.4748, 47.8694



20.2994, 22.8748, 30.1346



5.5082, 6.0955, 6.6422



11.1965, 18.3745, 16.1206



0.1154, 0.1790, 0.1979

Inverse Universe

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



20.5239, 18.4804, 19.6261



34.6602, 29.9149, 31.3407



21.1290, 20.4195, 17.5802



5.4563, 5.4430, 5.9007



10.2618, 5.2617, 1.7640



0.1053, 0.0532, 0.0549

Previews

White Background



This preview shows how the XYZ color 21.0712, 25.3719, 27.4536 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 21.0712, 25.3719, 27.4536 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

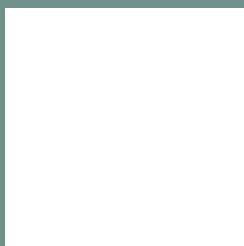
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0712, 25.3719, 27.4536

Background



This preview shows how black text looks on a background with the XYZ color 21.0712, 25.3719, 27.4536.



This preview shows how white text looks on a background with the XYZ color 21.0712, 25.3719,

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

21.0712, 25.3719, 27.4536

Protanopia

24.0950, 25.2200, 25.4278

Deuteranopia

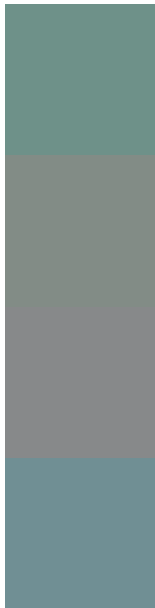
25.6254, 25.1232, 27.9247



Tritanopia

22.3158, 25.1898, 34.2578

Trichromacy



Original Color

21.0712, 25.3719, 27.4536

Protanomaly

22.8871, 25.2232, 26.2165

Deuteranomaly

23.5248, 24.8772, 27.6066

Tritanomaly

21.8498, 25.2278, 31.7348

Monochromacy



Original Color

21.0712, 25.3719, 27.4536

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9191, 24.2862, 26.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0712, 25.3719, 27.4536 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(110, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(110, 145, 137)  
}
```

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(110, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 145, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.0712, 25.3719, 27.4536 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(110, 145, 137) }
```


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

```
.border{ border-color:rgb(110, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 145, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 145, 137); box-shadow:4px 4px 4px 4px rgb(110, 145, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0712, 25.3719, 27.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 145, 137) }
```

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

```
.background{ background-color: rgb(110,  
145, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor