

Converting Colors

XYZ(21.7171, 25.4013, 30.9525)

Have a look what the booklet for
XYZ(21.7171, 25.4013, 30.9525)
contains.

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Color

**XYZ(21.7171, 25.4013,
30.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9092
RGB	111, 144, 146
RGB Percent	44%, 56%, 57%
CMY	0.5647, 0.4353, 0.4274
CMYK	0.24, 0.01, 0.00, 0.43
HSL	183°, 14%, 50%
HSV	183°, 24%, 57%
XYZ	21.7171, 25.4013, 30.9525
YIQ	134.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

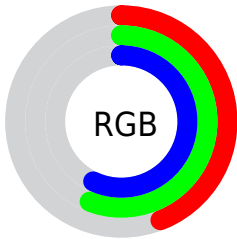
Format	Color
R_{YB}	111, 128, 146
Decimal	7311506
CIE _{Lab}	57.46, -10.98, -4.84
CIE _{LCh}	57, 12.003, 203.792
Y _{xy}	25.4013, 0.2782, 0.3254
Android (android.graphics.Color)	4285501586 (0xFF6F9092)
YUV	134.3610, 5.7380, -20.4876
Hunter-Lab	50.3997, -11.2843, -1.1326

Details

The XYZ color **21.7171, 25.4013, 30.9525** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6288, 19.0691, 17.6329**, and the grayscale version is **22.7783, 23.9645, 26.0974**.

A 20% lighter version of the original color is **45.7237, 52.3448, 62.3372**, and **8.1006, 9.8741, 12.5453** is the 20% darker color. If you saturate the color by 10%, you get **19.9025, 24.2797, 30.8321**, and if you desaturate by 10%, it is **23.8344, 26.6816, 31.0884**.

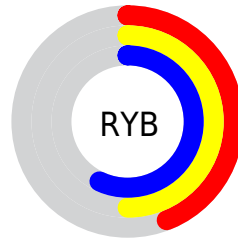
Distribution



Red (44%)

Green (56%)

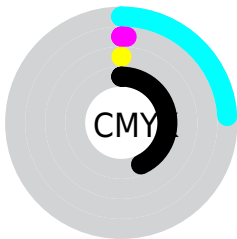
Blue (57%)



Red (44%)

Yellow (50%)

Blue (57%)

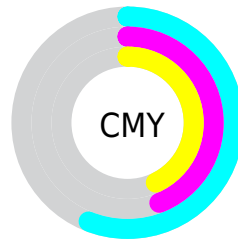


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7171, 25.4013, 30.9525 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 21.7171, 25.4013, 30.9525 by changing the saturation by 10% instead.

■ 21.7171, 25.4013,
30.9525

■ 21.7171, 25.4013,
30.9525

253.7255,
279.8306, 320.6638

■ 13.7646, 16.3763,
20.3045

■ 45.7603, 52.3075,
62.2440

■ 8.0377, 9.7908,
12.4303

■ 62.5818, 70.9575,
83.7246

■ 4.1711, 5.2605,
6.9114

■ 83.0902, 93.5846,
109.6531

■ 1.7994, 2.4009,
3.3291

■ 107.6511,
120.5732, 140.4481

■ 0.5173, 0.8263,
1.2650

136.6297,
152.3077, 176.5281

■ 0.0000, 0.0000,
0.0329

170.3914,

■ 0.0000, 0.0000,

189.1725, 218.3118

0.0000

209.3016,
231.5520, 266.2175

■ 21.7171, 25.4013,
30.9525

■ 21.7171, 25.4013,
30.9525

■ 19.9025, 24.2797,
30.8321

■ 23.8344, 26.6816,
31.0884

■ 18.3738, 23.3063,
30.7248

■ 26.2658, 28.1246,
31.2388

■ 17.1160, 22.4739,
30.6304

■ 29.0247, 29.7378,
31.4048

■ 16.1117, 21.7735,
30.5481

■ 32.1233, 31.5274,
31.5869

■ 15.3417, 21.1953,
30.4771

■ 35.5729, 33.4995,
31.7857

■ 14.7838, 20.7278,
30.4163

■ 39.3844, 35.6595,
32.0018

■ 14.4111, 20.3572,
30.3644

■ 43.5683, 38.0129,
32.2355

■ 14.2289, 20.1563,
30.3352

■ 48.1346, 40.5648,
32.4874

■ 53.0929, 43.3202,
32.7579

Harmonies

Analogous

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



21.5153, 25.4013, 26.8160



21.7171, 25.4013, 30.9525



22.5574, 25.4013, 34.4996

Triad

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



21.7171, 25.4013, 30.9525



26.4269, 25.4013, 32.5674



24.4413, 25.4013, 20.5542

Complementary

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



21.7171, 25.4013, 30.9525



20.6288, 19.0691, 17.6329

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.



25.8016, 25.4013, 21.7860



21.7171, 25.4013, 30.9525



26.9767, 25.4013, 28.5168

Square

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



21.7171, 25.4013, 30.9525



25.2678, 25.4013, 35.4944



26.7435, 25.4013, 24.6054



23.0525, 25.4013, 21.0688

Rectangle

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



21.7171, 25.4013, 30.9525



23.3849, 25.4013, 35.9160



26.7435, 25.4013, 24.6054



24.9177, 25.4013, 20.7735

Sweetspot

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



21.7178, 25.4023, 30.9531



44.9140, 48.7753, 55.0209



19.8015, 25.1244, 19.3555



9.9437, 10.8222, 12.2370



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.



21.7178, 25.4023, 30.9531



36.4502, 43.6667, 54.4809



19.3015, 20.5696, 30.1476



5.9361, 6.5061, 7.4127



12.5268, 17.7484, 26.6966



0.1603, 0.2311, 0.3291

Inverse Universe

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



22.5732, 19.4941, 28.9597



38.2517, 31.3515, 50.2534



22.7397, 23.2911, 18.3366



6.0212, 5.9035, 7.2176



14.4500, 6.9851, 21.6486



0.1804, 0.0869, 0.2834

Previews

White Background



This preview shows how the XYZ color 21.7171, 25.4013, 30.9525 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 21.7171, 25.4013, 30.9525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

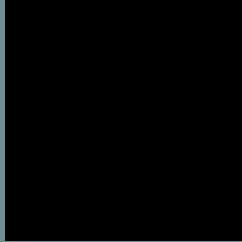
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7171, 25.4013, 30.9525

Background



This preview shows how black text looks on a background with the XYZ color 21.7171, 25.4013, 30.9525.



This preview shows how white text looks on a background with the XYZ color 21.7171, 25.4013,

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

21.7171, 25.4013, 30.9525

Protanopia

24.4756, 25.3333, 29.1910

Deuteranopia

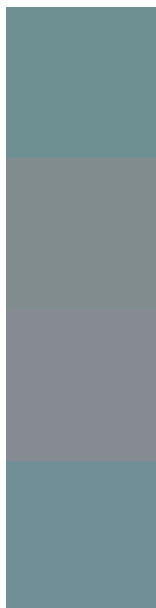
25.7245, 25.2993, 31.5444



Tritanopia

22.4652, 25.4887, 34.3076

Trichromacy



Original Color

21.7171, 25.4013, 30.9525

Protanomaly

23.3893, 25.4065, 29.6578

Deuteranomaly

24.0278, 25.2701, 31.2150

Tritanomaly

22.0905, 25.3240, 33.0019

Monochromacy



Original Color

21.7171, 25.4013, 30.9525

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2801, 24.4476, 27.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7171, 25.4013, 30.9525 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, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 146)  
}
```

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, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 146) }
```

Border

The CSS property to change the border of an element to XYZ 21.7171, 25.4013, 30.9525 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, 144, 146) }
```


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

```
.border{ border-color:rgb(111, 144, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7171, 25.4013, 30.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 146) }
```

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

```
.background{ background-color: rgb(111,  
144, 146) }
```

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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