

Converting Colors

XYZ(21.5772, 25.5630, 31.5179)

Have a look what the booklet for
XYZ(21.5772, 25.5630, 31.5179)
contains.

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Color

**XYZ(21.5762, 25.5455,
31.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9193
RGB	108, 145, 147
RGB Percent	42%, 57%, 58%
CMY	0.5765, 0.4314, 0.4235
CMYK	0.27, 0.01, 0.00, 0.42
HSL	183°, 15%, 50%
HSV	183°, 27%, 58%
XYZ	21.5762, 25.5455, 31.3974
YIQ	134.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

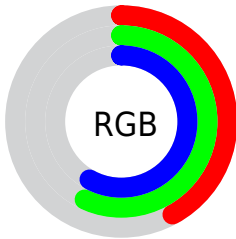
Format	Color
R_{YB}	108, 127, 147
Decimal	7115155
CIE _{Lab}	57.60, -12.24, -5.23
CIE _{LCh}	58, 13.314, 203.130
Yxy	25.5455, 0.2748, 0.3253
Android (android.graphics.Color)	4285305235 (0xFF6C9193)
YUV	134.1650, 6.3277, -22.9467
Hunter-Lab	50.5426, -12.2493, -1.4516

Details

The XYZ color **21.5762, 25.5455, 31.3974** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3157, 18.4378, 16.6760**, and the grayscale version is **22.7047, 23.8871, 26.0130**.

A 20% lighter version of the original color is **45.4632, 52.5375, 63.0029**, and **7.9640, 9.7983, 12.7808** is the 20% darker color. If you saturate the color by 10%, you get **19.8225, 24.4717, 31.2830**, and if you desaturate by 10%, it is **23.6337, 26.7783, 31.5273**.

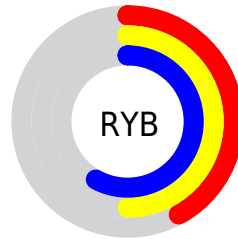
Distribution



Red (42%)

Green (57%)

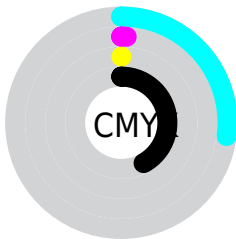
Blue (58%)



Red (42%)

Yellow (50%)

Blue (58%)

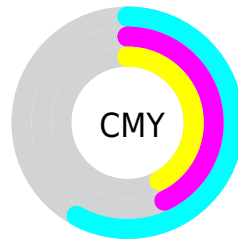


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5762, 25.5455, 31.3974 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 21.5762, 25.5455, 31.3974 by changing the saturation by 10% instead.

■ 21.5762, 25.5455,
31.3974

■ 21.5762, 25.5455,
31.3974

252.9992,
280.5438, 322.7727

■ 13.6607, 16.4839,
20.6406

■ 45.5286, 52.5408,
62.9521

■ 7.9652, 9.8672,
12.6729

■ 62.2963, 71.2433,
84.5871

■ 4.1243, 5.3110,
7.0756

■ 82.7453, 93.9283,
110.6853

■ 1.7727, 2.4309,
3.4303

■ 107.2411,
120.9802, 141.6652

■ 0.5011, 0.8417,
1.3183

136.1491,
152.7832, 177.9453

■ 0.0000, 0.0000,
0.0767

169.8345,

■ 0.0000, 0.0000,

189.7219, 219.9443

0.0000

208.6627,
232.1806, 268.0806

■ 21.5762, 25.5455,
31.3974

■ 21.5762, 25.5455,
31.3974

■ 19.8225, 24.4717,
31.2830

■ 23.6337, 26.7783,
31.5273

■ 18.3551, 23.5461,
31.1817

■ 26.0067, 28.1742,
31.6717

■ 17.1584, 22.7612,
31.0932

■ 28.7092, 29.7411,
31.8317

■ 16.2144, 22.1076,
31.0168

■ 31.7536, 31.4854,
32.0079

■ 15.5027, 21.5749,
30.9515

■ 35.1516, 33.4131,
32.2009

■ 14.9999, 21.1510,
30.8962

■ 38.9145, 35.5301,
32.4112

■ 14.6691, 20.8169,
30.8492

■ 43.0530, 37.8419,
32.6393

■ 14.5672, 20.7079,
30.8335

■ 47.5774, 40.3537,
32.8857

■ 52.4976, 43.0707,
33.1508

Harmonies

Analogous

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



21.3700, 25.5455, 26.7806



21.5762, 25.5455, 31.3974



22.4919, 25.5455, 35.4227

Triad

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



21.5762, 25.5455, 31.3974



26.8087, 25.5455, 33.4050



24.6477, 25.5455, 19.9969

Complementary

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



21.5762, 25.5455, 31.3974



20.3157, 18.4378, 16.6760

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.



26.1609, 25.5455, 21.3824



21.5762, 25.5455, 31.3974



27.4433, 25.5455, 28.8751

Square

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



21.5762, 25.5455, 31.3974



25.5009, 25.5455, 36.6673



27.2012, 25.5455, 24.5155



23.0991, 25.5455, 20.5156

Rectangle

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



21.5762, 25.5455, 31.3974



23.4039, 25.5455, 37.0619



27.2012, 25.5455, 24.5155



25.1782, 25.5455, 20.2498

Sweetspot

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



21.5769, 25.5465, 31.3980



45.8393, 50.0260, 56.6746



19.4303, 25.1808, 18.5744



10.3229, 11.3371, 12.9290



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.



21.5769, 25.5465, 31.3980



36.6527, 44.5376, 56.0994



18.8548, 20.1022, 30.4906



5.9389, 6.5118, 7.4136



12.6343, 17.9635, 26.7324



0.1609, 0.2324, 0.3293

Inverse Universe

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



22.5066, 18.9731, 29.2651



38.6275, 30.7231, 51.5357



22.6496, 23.1056, 17.4540



6.0226, 5.9041, 7.2252



14.5043, 7.0068, 21.9344



0.1807, 0.0870, 0.2852

Previews

White Background



This preview shows how the XYZ color 21.5762, 25.5455, 31.3974 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 21.5762, 25.5455, 31.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

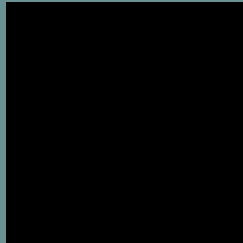
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5762, 25.5455, 31.3974

Background



This preview shows how black text looks on a background with the XYZ color 21.5762, 25.5455, 31.3974.

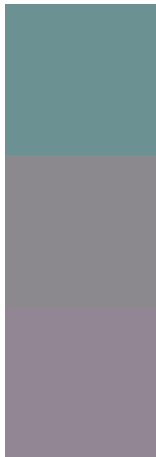


This preview shows how white text looks on a background with the XYZ color 21.5762, 25.5455,

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

21.5762, 25.5455, 31.3974

Protanopia

24.4756, 25.3333, 29.1910

Deuteranopia

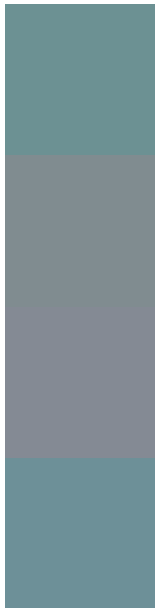
25.8040, 25.3311, 31.9631



Tritanopia

22.3201, 25.6281, 34.7807

Trichromacy



Original Color

21.5762, 25.5455, 31.3974

Protanomaly

23.3142, 25.3590, 30.0515

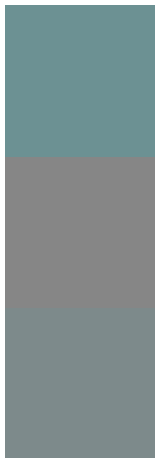
Deuteranomaly

23.9495, 25.2206, 31.6228

Tritanomaly

21.9474, 25.4647, 33.4642

Monochromacy



Original Color

21.5762, 25.5455, 31.3974

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2061, 24.4010, 27.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5762, 25.5455, 31.3974 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, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 145, 147)  
}
```

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, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 145, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.5762, 25.5455, 31.3974 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, 145, 147) }
```


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

```
.border{ border-color:rgb(108, 145, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 145, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 145,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5762, 25.5455, 31.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 145, 147) }
```

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

```
.background{ background-color: rgb(108,  
145, 147) }
```

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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