

Converting Colors

XYZ(21.7352, 25.5151, 30.3897)

Have a look what the booklet for
XYZ(21.7352, 25.5151, 30.3897)
contains.

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Color

**XYZ(21.7662, 25.4356,
30.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	709091
RGB	112, 144, 145
RGB Percent	44%, 56%, 57%
CMY	0.5608, 0.4353, 0.4314
CMYK	0.23, 0.01, 0.00, 0.43
HSL	182°, 13%, 50%
HSV	182°, 23%, 57%
XYZ	21.7662, 25.4356, 30.5504
YIQ	134.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

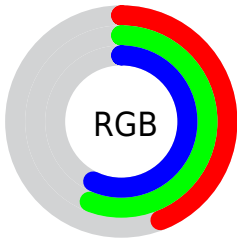
Format	Color
R_{YB}	112, 128, 145
Decimal	7377041
CIE _{Lab}	57.50, -10.90, -4.21
CIE _{LCh}	57, 11.682, 201.142
Yxy	25.4356, 0.2799, 0.3271
Android (android.graphics.Color)	4285567121 (0xFF709091)
YUV	134.5460, 5.1538, -19.7728
Hunter-Lab	50.4337, -11.2219, -0.6115

Details

The XYZ color **21.7662, 25.4356, 30.5504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5071, 19.0000, 17.9163**, and the grayscale version is **22.8484, 24.0383, 26.1777**.

A 20% lighter version of the original color is **45.8127, 52.4042, 61.7333**, and **8.1182, 9.8884, 12.3073** is the 20% darker color. If you saturate the color by 10%, you get **20.0017, 24.4282, 30.4494**, and if you desaturate by 10%, it is **23.8296, 26.5988, 30.6666**.

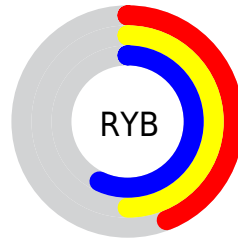
Distribution



Red (44%)

Green (56%)

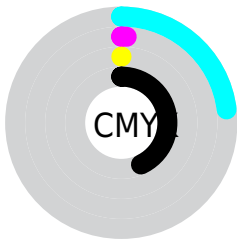
Blue (57%)



Red (44%)

Yellow (50%)

Blue (57%)

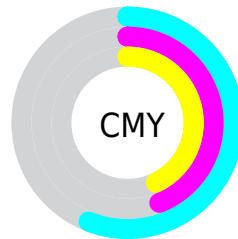


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7662, 25.4356, 30.5504 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 21.7662, 25.4356, 30.5504 by changing the saturation by 10% instead.

■ 21.7662, 25.4356,
30.5504

■ 21.7662, 25.4356,
30.5504

253.9782,
280.0004, 318.7484

■ 13.8008, 16.4019,
20.0011

■ 45.8410, 52.3630,
61.6028

■ 8.0631, 9.8090,
12.2118

■ 62.6812, 71.0255,
82.9430

■ 4.1875, 5.2725,
6.7638

■ 83.2103, 93.6664,
108.7172

■ 1.8087, 2.4080,
3.2386

■ 107.7938,
120.6700, 139.3441

■ 0.5229, 0.8300,
1.2177

136.7970,
152.4209, 175.2421

■ 0.0000, 0.0000,
0.0000

170.5852,

189.3033, 216.8298

209.5239,
231.7016, 264.5258

■ 21.7662, 25.4356,
30.5504

■ 21.7662, 25.4356,
30.5504

■ 20.0017, 24.4282,
30.4494

■ 23.8296, 26.5988,
30.6666

■ 18.5197, 23.5662,
30.3611

■ 26.2028, 27.9214,
30.7968

■ 17.3055, 22.8426,
30.2854

■ 28.8992, 29.4110,
30.9422

■ 16.3424, 22.2488,
30.2216

■ 31.9304, 31.0736,
31.1033

■ 15.6115, 21.7751,
30.1687

■ 35.3077, 32.9150,
31.2808

■ 15.0916, 21.4106,
30.1257

■ 39.0417, 34.9407,
31.4750

■ 14.7574, 21.1422,
30.0915

■ 43.1425, 37.1558,
31.6864

■ 14.5792, 20.9809,
30.0698

■ 47.6201, 39.5656,
31.9155

■ 52.4837, 42.1748,
32.1628

Harmonies

Analogous

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



21.6284, 25.4356, 26.5322



21.7662, 25.4356, 30.5504



22.5364, 25.4356, 34.0977

Triad

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



21.7662, 25.4356, 30.5504



26.3187, 25.4356, 32.7837



24.5900, 25.4356, 20.7956

Complementary

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



21.7662, 25.4356, 30.5504



20.5071, 19.0000, 17.9163

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.



25.8928, 25.4356, 22.1487



21.7662, 25.4356, 30.5504



26.9157, 25.4356, 28.8913

Square

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



21.7662, 25.4356, 30.5504



25.1532, 25.4356, 35.4706



26.7569, 25.4356, 25.0234



23.2240, 25.4356, 21.1479

Rectangle

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



21.7662, 25.4356, 30.5504



23.3216, 25.4356, 35.5938



26.7569, 25.4356, 25.0234



25.0506, 25.4356, 21.0609

Sweetspot

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



21.7669, 25.4366, 30.5510



44.9899, 48.9270, 55.0462



19.7633, 24.8781, 19.2512



9.9617, 10.8582, 12.2430



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.



21.7669, 25.4366, 30.5510



37.3969, 44.6514, 54.6211



19.5061, 20.9149, 29.7974



5.5465, 6.0887, 6.9117



12.5084, 18.0029, 25.7927



0.1224, 0.1778, 0.2475

Inverse Universe

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



22.5059, 19.6223, 28.9880



38.9514, 32.4808, 51.3195



22.4590, 22.9038, 18.5669



5.6193, 5.5083, 6.7593



14.1168, 6.8037, 22.0642



0.1364, 0.0656, 0.2185

Previews

White Background



This preview shows how the XYZ color 21.7662, 25.4356, 30.5504 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 21.7662, 25.4356, 30.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

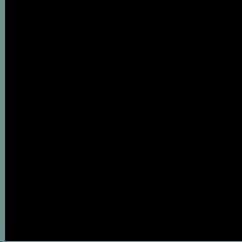
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7662, 25.4356, 30.5504

Background



This preview shows how black text looks on a background with the XYZ color 21.7662, 25.4356, 30.5504.



This preview shows how white text looks on a background with the XYZ color 21.7662, 25.4356,

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

21.7662, 25.4356, 30.5504

Protanopia

24.4008, 25.3034, 28.7973

Deuteranopia

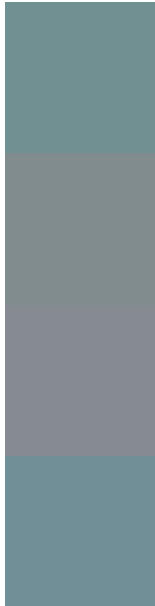
25.8242, 25.3598, 31.1376



Tritanopia

22.5946, 25.5554, 34.3137

Trichromacy



Original Color

21.7662, 25.4356, 30.5504

Protanomaly

23.3138, 25.3763, 29.2605

Deuteranomaly

24.1083, 25.3206, 30.8109

Tritanomaly

22.2184, 25.3900, 33.0079

Monochromacy



Original Color

21.7662, 25.4356, 30.5504

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5011, 24.5531, 27.9794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7662, 25.4356, 30.5504 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(112, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(112, 144, 145)  
}
```

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(112, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.7662, 25.4356, 30.5504 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(112, 144, 145) }
```


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

```
.border{ border-color:rgb(112, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(112, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7662, 25.4356, 30.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 144, 145) }
```

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

```
.background{ background-color: rgb(112,  
144, 145) }
```

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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