

Converting Colors

XYZ(22.1449, 25.0921, 34.6864)

Have a look what the booklet for
XYZ(22.1449, 25.0921, 34.6864)
contains.

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Color

**XYZ(22.1449, 25.0921,
34.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8E9B
RGB	111, 142, 155
RGB Percent	44%, 56%, 61%
CMY	0.5647, 0.4431, 0.3922
CMYK	0.28, 0.08, 0.00, 0.39
HSL	198°, 18%, 52%
HSV	198°, 28%, 61%
XYZ	22.1449, 25.0921, 34.6864
YIQ	134.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

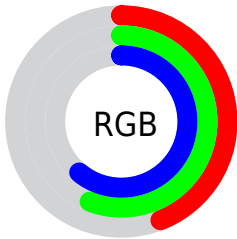
Format	Color
R_{YB}	111, 129, 155
Decimal	7311003
CIE Lab	57.17, -7.70, -10.45
CIE LCh	57, 12.977, 233.611
Yxy	25.0921, 0.2703, 0.3063
Android (android.graphics.Color)	4285501083 (0xFF6F8E9B)
YUV	134.2130, 10.2480, -20.3578
Hunter-Lab	50.0920, -8.7490, -5.9912

Details

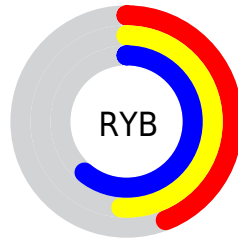
The XYZ color **22.1449, 25.0921, 34.6864** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5946, 22.5315, 18.1448**, and the grayscale version is **22.7083, 23.8909, 26.0172**.

A 20% lighter version of the original color is **46.5584, 51.9758, 67.9000**, and **8.2503, 9.6459, 14.5237** is the 20% darker color. If you saturate the color by 10%, you get **19.6941, 22.8386, 34.3810**, and if you desaturate by 10%, it is **24.9636, 27.5781, 35.0181**.

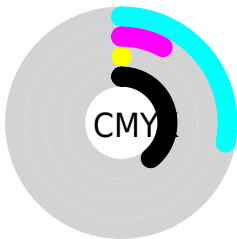
Distribution



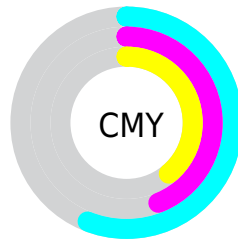
- Red (44%)
- Green (56%)
- Blue (61%)



- Red (44%)
- Yellow (51%)
- Blue (61%)



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1449, 25.0921, 34.6864 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 22.1449, 25.0921, 34.6864 by changing the saturation by 10% instead.

■ 22.1449, 25.0921,
34.6864

■ 22.1449, 25.0921,
34.6864

255.9202,
278.2963, 338.0441

■ 14.0806, 16.1457,
23.1398

■ 46.4624, 51.8066,
68.1457

■ 8.2588, 9.6273,
14.4905

■ 63.4464, 70.3435,
90.8955

■ 4.3142, 5.1526,
8.3200

■ 84.1343, 92.8459,
118.2168

■ 1.8814, 2.3370,
4.2097

■ 108.8915,
119.6984, 150.5280

■ 0.5660, 0.7932,
1.7411

138.0833,
151.2853, 188.2479

■ 0.0000, 0.0000,
0.3886

172.0751,

■ 0.0000, 0.0000,

187.9910, 231.7948

0.0000

211.2323,
230.1999, 281.5873

■ 22.1449, 25.0921,
34.6864

■ 22.1449, 25.0921,
34.6864

■ 19.6941, 22.8386,
34.3810

■ 24.9636, 27.5781,
35.0181

■ 17.5912, 20.8049,
34.0993

■ 28.1646, 30.3025,
35.3753

■ 15.8175, 18.9814,
33.8408

■ 31.7640, 33.2749,
35.7593

■ 14.3517, 17.3567,
33.6045

■ 35.7766, 36.5032,
36.1709

■ 13.1696, 15.9178,
33.3891

■ 40.2160, 39.9951,
36.6109

■ 12.2432, 14.6497,
33.1931

■ 45.0956, 43.7577,
37.0800

■ 11.5184, 13.5240,
33.0140

■ 50.4279, 47.7981,
37.5788

■ 11.4078, 13.3492,
32.9861

■ 56.2250, 52.1228,
38.1080

■ 62.4985, 56.7383,
38.6683

Harmonies

Analogous

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



21.2520, 25.0921, 30.8393



22.1449, 25.0921, 34.6864



23.5232, 25.0921, 36.5864

Triad

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



22.1449, 25.0921, 34.6864



26.8965, 25.0921, 28.2701



22.6894, 25.0921, 20.3004

Complementary

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



22.1449, 25.0921, 34.6864



23.5946, 22.5315, 18.1448

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.



24.1784, 25.0921, 19.7690



22.1449, 25.0921, 34.6864



26.6500, 25.0921, 24.0811

Square

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



22.1449, 25.0921, 34.6864



26.2987, 25.0921, 32.6349



25.6390, 25.0921, 21.0799



21.5569, 25.0921, 22.6178

Rectangle

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



22.1449, 25.0921, 34.6864



24.5489, 25.0921, 36.3628



25.6390, 25.0921, 21.0799



23.1631, 25.0921, 19.9180

Sweetspot

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



22.1457, 25.0931, 34.6870



49.9613, 53.8671, 63.3004



21.8818, 28.2644, 23.1951



11.1231, 12.0365, 14.3074



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.1457, 25.0931, 34.6870



36.8297, 42.3572, 61.7709



19.2532, 19.3081, 33.7228



6.2304, 6.7182, 7.8973



9.1968, 10.7902, 26.5057



0.1686, 0.2234, 0.4066

Inverse Universe

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



24.0851, 20.2909, 28.2395



40.9529, 32.5883, 47.9644



26.5841, 28.5104, 19.1413



6.3834, 6.2925, 7.3992



13.1009, 6.4946, 12.3221



0.2115, 0.1034, 0.2668

Previews

White Background



This preview shows how the XYZ color 22.1449, 25.0921, 34.6864 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 22.1449, 25.0921, 34.6864 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

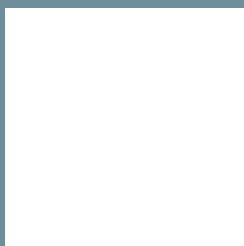
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1449, 25.0921, 34.6864

Background



This preview shows how black text looks on a background with the XYZ color 22.1449, 25.0921, 34.6864.



This preview shows how white text looks on a background with the XYZ color 22.1449, 25.0921,

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

22.1449, 25.0921, 34.6864

Protanopia

24.3817, 24.9936, 32.8173

Deuteranopia

25.4578, 24.8721, 35.3573



Tritanopia

22.0613, 25.0586, 34.2459

Trichromacy



Original Color

22.1449, 25.0921, 34.6864

Protanomaly

23.3602, 24.8796, 33.2768

Deuteranomaly

24.0108, 24.7544, 34.9651

Tritanomaly

22.0613, 25.0586, 34.2459

Monochromacy



Original Color

22.1449, 25.0921, 34.6864

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4323, 24.2799, 29.0954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1449, 25.0921, 34.6864 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, 142, 155)` looks like.

```
.text, #text, p{  
    color:rgb(111, 142, 155)  
}
```

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, 142, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 142, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.1449, 25.0921, 34.6864 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, 142, 155) }
```


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

```
.border{ border-color:rgb(111, 142, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 142, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 142, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 142, 155);  
box-shadow:4px 4px 4px 4px rgb(111, 142,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1449, 25.0921, 34.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 142, 155) }
```

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

```
.background{ background-color: rgb(111,  
142, 155) }
```

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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