

Converting Colors

XYZ(21.5659, 25.9610, 34.4967)

Have a look what the booklet for
XYZ(21.5659, 25.9610, 34.4967)
contains.

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Color

**XYZ(21.5220, 25.9099,
34.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	64939A
RGB	100, 147, 154
RGB Percent	39%, 58%, 60%
CMY	0.6078, 0.4235, 0.3961
CMYK	0.35, 0.05, 0.00, 0.40
HSL	188°, 21%, 50%
HSV	188°, 35%, 60%
XYZ	21.5220, 25.9099, 34.4386
YIQ	133.7450, -30.2590, -7.7870

Conversions

Conversions Part 2

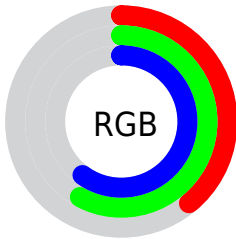
Format	Color
R_{YB}	100, 125, 154
Decimal	6591386
CIE _{Lab}	57.95, -14.00, -8.76
CIE _{LCh}	58, 16.518, 212.048
Y _{xy}	25.9099, 0.2629, 0.3165
Android (android.graphics.Color)	4284781466 (0xFF64939A)
YUV	133.7450, 9.9857, -29.5944
Hunter-Lab	50.9018, -13.6057, -4.4826

Details

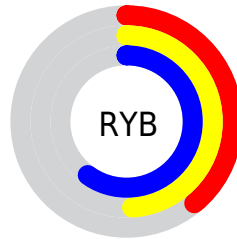
The XYZ color **21.5220, 25.9099, 34.4386** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8847, 18.3057, 14.4898**, and the grayscale version is **22.5396, 23.7134, 25.8239**.

A 20% lighter version of the original color is **45.4087, 53.0997, 67.5305**, and **7.8977, 9.9980, 14.3455** is the 20% darker color. If you saturate the color by 10%, you get **19.6696, 24.4988, 34.2643**, and if you desaturate by 10%, it is **23.7033, 27.4998, 34.6310**.

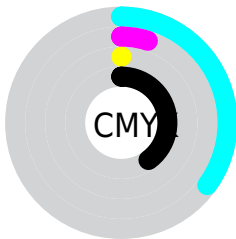
Distribution



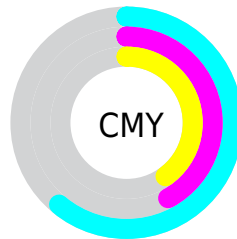
- Red (39%)
- Green (58%)
- Blue (60%)



- Red (39%)
- Yellow (49%)
- Blue (60%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5220, 25.9099, 34.4386 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 21.5220, 25.9099, 34.4386 by changing the saturation by 10% instead.

■ 21.5220, 25.9099,
34.4386

■ 21.5220, 25.9099,
34.4386

252.7193,
282.3395, 336.9120

■ 13.6207, 16.7562,
22.9507

■ 45.4394, 53.1296,
67.7568

■ 7.9373, 10.0609,
14.3521

■ 62.1863, 71.9644,
90.4242

■ 4.1063, 5.4393,
8.2244

■ 82.6125, 94.7950,
117.6551

■ 1.7625, 2.5073,
4.1491

■ 107.0832,
122.0058, 149.8681

■ 0.4949, 0.8803,
1.7075

135.9639,
153.9813, 187.4818

■ 0.0000, 0.0000,
0.3658

169.6199,

■ 0.0000, 0.0000,

191.1058, 230.9146

0.0000

208.4166,
233.7638, 280.5852

■ 21.5220, 25.9099,
34.4386

■ 21.5220, 25.9099,
34.4386

■ 19.6696, 24.4988,
34.2643

■ 23.7033, 27.4998,
34.6310

■ 18.1256, 23.2541,
34.1054

■ 26.2281, 29.2741,
34.8404

■ 16.8707, 22.1663,
33.9616

■ 29.1126, 31.2420,
35.0682

■ 15.8825, 21.2238,
33.8318

■ 32.3716, 33.4110,
35.3151

■ 15.1353, 20.4134,
33.7147

■ 36.0188, 35.7884,
35.5817

■ 14.5959, 19.7180,
33.6089

■ 40.0675, 38.3809,
35.8687

■ 14.3638, 19.3952,
33.5589

■ 44.5301, 41.1950,
36.1767

■ 49.4186, 44.2369,
36.5062

■ 54.7444, 47.5126,
36.8578

Harmonies

Analogous

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



20.9953, 25.9099, 28.6051



21.5220, 25.9099, 34.4386



22.8753, 25.9099, 39.0474

Triad

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



21.5220, 25.9099, 34.4386



28.1656, 25.9099, 33.6693



24.4900, 25.9099, 18.6115

Complementary

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



21.5220, 25.9099, 34.4386



20.8847, 18.3057, 14.4898

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.



26.4651, 25.9099, 19.5922



21.5220, 25.9099, 34.4386



28.6542, 25.9099, 27.8215

Square

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



21.5220, 25.9099, 34.4386



26.7144, 25.9099, 38.5628



28.0162, 25.9099, 22.7842



22.6504, 25.9099, 19.9011

Rectangle

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



21.5220, 25.9099, 34.4386



24.1007, 25.9099, 40.5233



28.0162, 25.9099, 22.7842



25.1600, 25.9099, 18.6862

Sweetspot

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



21.5228, 25.9109, 34.4392



49.5798, 54.5096, 63.4446



19.4288, 26.8679, 17.8802



11.0774, 12.2388, 14.3488



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.



21.5228, 25.9109, 34.4392



36.4291, 45.0465, 62.3111



17.8898, 18.6450, 33.2282



6.3163, 6.8899, 7.9260



11.7207, 15.8381, 27.3470



0.1918, 0.2700, 0.4144

Inverse Universe

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



23.1507, 18.0916, 29.8768



39.8987, 28.9045, 52.4698



24.0558, 24.6480, 15.5469



6.4268, 6.3099, 7.6274



14.3748, 7.0042, 19.0307



0.2233, 0.1081, 0.3287

Previews

White Background



This preview shows how the XYZ color 21.5220, 25.9099, 34.4386 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 21.5220, 25.9099, 34.4386 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

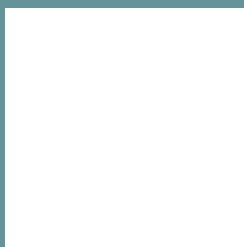
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5220, 25.9099, 34.4386

Background



This preview shows how black text looks on a background with the XYZ color 21.5220, 25.9099, 34.4386.



This preview shows how white text looks on a background with the XYZ color 21.5220, 25.9099,

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

21.5220, 25.9099, 34.4386

Protanopia

24.9150, 25.7183, 31.6679

Deuteranopia

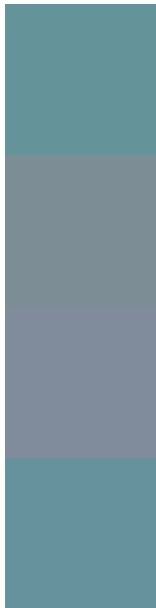
26.2514, 25.6916, 35.4737



Tritanopia

21.8173, 25.7931, 36.1764

Trichromacy



Original Color

21.5220, 25.9099, 34.4386

Protanomaly

23.3421, 25.5368, 32.5530

Deuteranomaly

24.1355, 25.4547, 35.0937

Tritanomaly

21.7315, 25.7588, 35.7249

Monochromacy



Original Color

21.5220, 25.9099, 34.4386

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0664, 24.5259, 28.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5220, 25.9099, 34.4386 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(100, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(100, 147, 154)  
}
```

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(100, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 147, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.5220, 25.9099, 34.4386 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(100, 147, 154) }
```


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

```
.border{ border-color:rgb(100, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(100, 147,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5220, 25.9099, 34.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 147, 154) }
```

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

```
.background{ background-color: rgb(100,  
147, 154) }
```

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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