

Converting Colors

XYZ(21.6312, 26.0949, 36.8685)

Have a look what the booklet for
XYZ(21.6312, 26.0949, 36.8685)
contains.

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Color

**XYZ(21.6718, 26.1698,
36.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	60949F
RGB	96, 148, 159
RGB Percent	38%, 58%, 62%
CMY	0.6235, 0.4196, 0.3765
CMYK	0.40, 0.07, 0.00, 0.38
HSL	190°, 25%, 50%
HSV	190°, 40%, 62%
XYZ	21.6718, 26.1698, 36.7099
YIQ	133.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

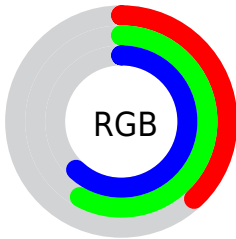
Format	Color
R_{YB}	96, 124, 159
Decimal	6329503
CIE _{Lab}	58.20, -14.36, -11.27
CIE _{LCh}	58, 18.254, 218.135
Yxy	26.1698, 0.2563, 0.3095
Android (android.graphics.Color)	4284519583 (0xFF60949F)
YUV	133.7060, 12.4699, -33.0682
Hunter-Lab	51.1564, -13.9044, -6.7371

Details

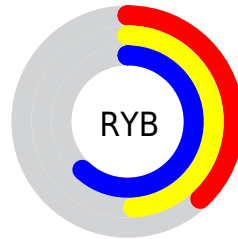
The XYZ color **21.6718, 26.1698, 36.7099** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6676, 18.7313, 13.5406**, and the grayscale version is **22.5176, 23.6903, 25.7987**.

A 20% lighter version of the original color is **45.6526, 53.4857, 71.5359**, and **8.0202, 10.1676, 15.7272** is the 20% darker color. If you saturate the color by 10%, you get **19.7351, 24.5334, 36.4966**, and if you desaturate by 10%, it is **23.9589, 28.0036, 36.9438**.

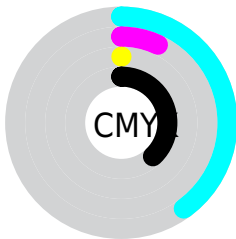
Distribution



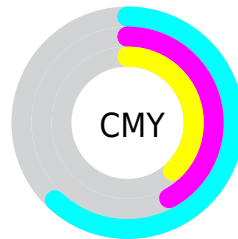
- Red (38%)
- Green (58%)
- Blue (62%)



- Red (38%)
- Yellow (49%)
- Blue (62%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6718, 26.1698, 36.7099 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 21.6718, 26.1698, 36.7099 by changing the saturation by 10% instead.

■ 21.6718, 26.1698,
36.7099

■ 21.6718, 26.1698,
36.7099

253.4922,
283.6146, 347.1836

■ 13.7312, 16.9507,
24.6889

■ 45.6859, 53.5487,
71.3077

■ 8.0144, 10.1994,
15.6285

■ 62.4900, 72.4774,
94.7217

■ 4.1560, 5.5313,
9.1102

■ 82.9794, 95.4114,
122.7703

■ 1.7908, 2.5623,
4.7153

■ 107.5194,
122.7350, 155.8723

■ 0.5121, 0.9077,
2.0254

136.4753,
154.8328, 194.4460

■ 0.0000, 0.0000,
0.5708

170.2125,

■ 0.0000, 0.0000,

192.0890, 238.9102

0.0000

209.0964,
234.8882, 289.6832

■ 21.6718, 26.1698,
36.7099

■ 21.6718, 26.1698,
36.7099

■ 19.7351, 24.5334,
36.4966

■ 23.9589, 28.0036,
36.9438

■ 18.1259, 23.0805,
36.3009

■ 26.6128, 30.0416,
37.1973

■ 16.8220, 21.8003,
36.1226

■ 29.6519, 32.2938,
37.4718

■ 15.7977, 20.6794,
35.9602

■ 33.0925, 34.7688,
37.7682

■ 15.0226, 19.7021,
35.8124

■ 36.9501, 37.4747,
38.0872

■ 14.4287, 18.8332,
35.6760

■ 41.2391, 40.4190,
38.4294

■ 14.4069, 18.8010,
35.6709

■ 45.9735, 43.6091,
38.7956

■ 51.1664, 47.0517,
39.1864

■ 56.8306, 50.7536,
39.6024

Harmonies

Analogous

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



20.8912, 26.1698, 30.2557



21.6718, 26.1698, 36.7099



23.3210, 26.1698, 41.3798

Triad

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



21.6718, 26.1698, 36.7099



29.0393, 26.1698, 33.2826



24.2758, 26.1698, 18.0450

Complementary

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



21.6718, 26.1698, 36.7099



21.6676, 18.7313, 13.5406

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.



26.4937, 26.1698, 18.6072



21.6718, 26.1698, 36.7099



29.3325, 26.1698, 26.8030

Square

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



21.6718, 26.1698, 36.7099



27.5974, 26.1698, 39.2055



28.3762, 26.1698, 21.6064



22.3352, 26.1698, 19.9369

Rectangle

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



21.6718, 26.1698, 36.7099



24.7353, 26.1698, 42.5068



28.3762, 26.1698, 21.6064



25.0124, 26.1698, 17.9594

Sweetspot

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



21.6726, 26.1708, 36.7105



51.6161, 56.7451, 66.9759



19.8502, 28.3347, 18.1961



11.4856, 12.6817, 15.0861



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6726, 26.1708, 36.7105



35.5694, 44.1331, 65.3873



17.4439, 17.7133, 35.3009



6.7233, 7.3123, 8.4637



11.4059, 14.9033, 28.1827



0.2276, 0.3138, 0.5118

Inverse Universe

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



23.8269, 17.8755, 30.2126



40.1182, 27.4855, 51.4723



25.4984, 26.3930, 14.8175



6.8544, 6.7347, 8.0845



14.5554, 7.1267, 17.7074



0.2722, 0.1322, 0.3795

Previews

White Background



This preview shows how the XYZ color 21.6718, 26.1698, 36.7099 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 21.6718, 26.1698, 36.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

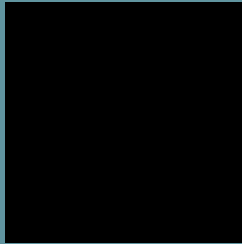
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6718, 26.1698, 36.7099

Background



This preview shows how black text looks on a background with the XYZ color 21.6718, 26.1698, 36.7099.



This preview shows how white text looks on a background with the XYZ color 21.6718, 26.1698,

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

21.6718, 26.1698, 36.7099

Protanopia

25.3195, 25.8801, 33.7979

Deuteranopia

26.4811, 25.9677, 37.7990



Tritanopia

21.7589, 26.2047, 37.1689

Trichromacy



Original Color

21.6718, 26.1698, 36.7099

Protanomaly

23.7578, 25.9235, 34.7619

Deuteranomaly

24.2686, 25.6894, 37.3977

Tritanomaly

21.7589, 26.2047, 37.1689

Monochromacy



Original Color

21.6718, 26.1698, 36.7099

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.9363, 24.4415, 29.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6718, 26.1698, 36.7099 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(96, 148, 159)` looks like.

```
.text, #text, p{  
    color:rgb(96, 148, 159)  
}
```

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(96, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 148, 159) }
```

Border

The CSS property to change the border of an element to XYZ 21.6718, 26.1698, 36.7099 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(96, 148, 159) }
```


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

```
.border{ border-color:rgb(96, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(96, 148,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6718, 26.1698, 36.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 148, 159) }
```

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

```
.background{ background-color: rgb(96, 148,  
159) }
```

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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