

Converting Colors

XYZ(21.5424, 24.6647, 39.5816)

Have a look what the booklet for
XYZ(21.5424, 24.6647, 39.5816)
contains.

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Color

**XYZ(21.5929, 24.6958,
39.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	628EA6
RGB	98, 142, 166
RGB Percent	38%, 56%, 65%
CMY	0.6157, 0.4431, 0.3490
CMYK	0.41, 0.14, 0.00, 0.35
HSL	201°, 28%, 52%
HSV	201°, 41%, 65%
XYZ	21.5929, 24.6958, 39.7051
YIQ	131.5800, -33.9280, -1.8640

Conversions

Conversions Part 2

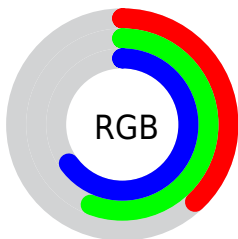
Format	Color
R_{YB}	98, 125, 166
Decimal	6459046
CIE _{Lab}	56.78, -8.61, -17.41
CIE _{LCh}	57, 19.420, 243.689
Yxy	24.6958, 0.2511, 0.2872
Android (android.graphics.Color)	4284649126 (0xFF628EA6)
YUV	131.5800, 16.9691, -29.4497
Hunter-Lab	49.6949, -9.4060, -12.5850

Details

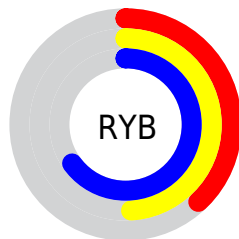
The XYZ color **21.5929, 24.6958, 39.7051** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8905, 22.9084, 14.6658**, and the grayscale version is **21.7314, 22.8631, 24.8979**.

A 20% lighter version of the original color is **45.5536, 51.2796, 75.9036**, and **7.9911, 9.4500, 17.3225** is the 20% darker color. If you saturate the color by 10%, you get **19.1354, 22.1692, 39.3474**, and if you desaturate by 10%, it is **24.4693, 27.5074, 40.0966**.

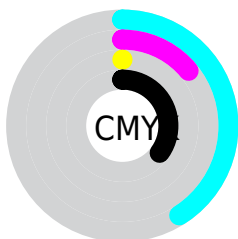
Distribution



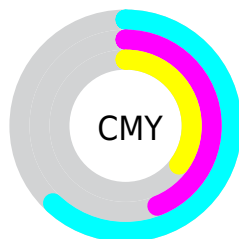
- Red (38%)
- Green (56%)
- Blue (65%)



- Red (38%)
- Yellow (49%)
- Blue (65%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5929, 24.6958, 39.7051 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 21.5929, 24.6958, 39.7051 by changing the saturation by 10% instead.

■ 21.5929, 24.6958,
39.7051

■ 21.5929, 24.6958,
39.7051

253.0854,
276.3196, 360.3941

■ 13.6730, 15.8506,
26.9967

■ 45.5561, 51.1633,
75.9464

■ 7.9738, 9.4185,
17.3383

■ 62.3301, 69.5543,
100.3164

■ 4.1298, 5.0151,
10.3115

■ 82.7862, 91.8961,
129.4105

■ 1.7758, 2.2561,
5.4977

■ 107.2897,
118.5730, 163.6475

■ 0.5031, 0.7503,
2.4783

136.2061,
149.9694, 203.4458

■ 0.0000, 0.0000,
0.8286

169.9006,

■ 0.0000, 0.0000,

186.4697, 249.2240

0.0000

208.7385,
228.4583, 301.4006

■ 21.5929, 24.6958,
39.7051

■ 21.5929, 24.6958,
39.7051

■ 19.1354, 22.1692,
39.3474

■ 24.4693, 27.5074,
40.0966

■ 17.0706, 19.9115,
39.0204

■ 27.7840, 30.6135,
40.5215

■ 15.3727, 17.9089,
38.7234

■ 31.5580, 34.0264,
40.9813

■ 14.0119, 16.1450,
38.4546

■ 35.8103, 37.7569,
41.4772

■ 12.9528, 14.6002,
38.2123

■ 40.5587, 41.8150,
42.0103

■ 12.1840, 13.3552,
38.0125

■ 45.8199, 46.2104,
42.5814

■ 51.6102, 50.9523,
43.1915

■ 57.9446, 56.0494,
43.8415

■ 64.8380, 61.5103,
44.5322

Harmonies

Analogous

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



20.0290, 24.6958, 34.4260



21.5929, 24.6958, 39.7051



23.7542, 24.6958, 41.3716

Triad

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



21.5929, 24.6958, 39.7051



28.0971, 24.6958, 26.0943



21.1367, 24.6958, 17.7818

Complementary

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



21.5929, 24.6958, 39.7051



24.8905, 22.9084, 14.6658

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.



23.1933, 24.6958, 16.2559



21.5929, 24.6958, 39.7051



27.2899, 24.6958, 20.5420

Square

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



21.5929, 24.6958, 39.7051



27.6011, 24.6958, 32.8117



25.4584, 24.6958, 17.1791



19.7778, 24.6958, 21.7266

Rectangle

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



21.5929, 24.6958, 39.7051



25.2679, 24.6958, 40.0191



25.4584, 24.6958, 17.1791



21.7644, 24.6958, 17.0006

Sweetspot

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



21.5937, 24.6968, 39.7057



56.3637, 60.9419, 74.2676



22.1743, 31.2698, 23.2151



12.4160, 13.4611, 16.5960



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.5937, 24.6968, 39.7057



35.1635, 40.6937, 71.4766



17.3043, 16.1179, 38.2759



7.5214, 8.0798, 9.5815



9.4931, 10.4464, 29.4915



0.2764, 0.3449, 0.7327

Inverse Universe

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



24.9767, 18.7960, 27.9037



42.3393, 29.2482, 46.2031



29.7859, 32.6993, 16.2977



7.7278, 7.6210, 8.8837



14.2923, 7.1256, 11.6166



0.3706, 0.1825, 0.4033

Previews

White Background



This preview shows how the XYZ color 21.5929, 24.6958, 39.7051 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 21.5929, 24.6958, 39.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

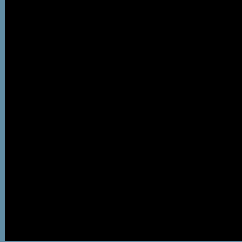
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5929, 24.6958, 39.7051

Background



This preview shows how black text looks on a background with the XYZ color 21.5929, 24.6958, 39.7051.



This preview shows how white text looks on a background with the XYZ color 21.5929, 24.6958,

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

21.5929, 24.6958, 39.7051

Protanopia

24.3029, 24.6470, 37.1947

Deuteranopia

25.1283, 24.5888, 40.4675



Tritanopia

20.6090, 24.7460, 34.7006

Trichromacy



Original Color

21.5929, 24.6958, 39.7051

Protanomaly

23.1706, 24.6729, 38.1914

Deuteranomaly

23.5249, 24.3914, 40.0273

Tritanomaly

20.9043, 24.6349, 36.4541

Monochromacy



Original Color

21.5929, 24.6958, 39.7051

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5839, 23.6150, 29.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5929, 24.6958, 39.7051 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(98, 142, 166)` looks like.

```
.text, #text, p{  
    color:rgb(98, 142, 166)  
}
```

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(98, 142, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 142, 166) }
```

Border

The CSS property to change the border of an element to XYZ 21.5929, 24.6958, 39.7051 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(98, 142, 166) }
```


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

```
.border{ border-color:rgb(98, 142, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 142, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 142, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 142, 166);  
box-shadow:4px 4px 4px 4px rgb(98, 142,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5929, 24.6958, 39.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 142, 166) }
```

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

```
.background{ background-color: rgb(98, 142,  
166) }
```

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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