

Converting Colors

XYZ(21.7601, 24.8418, 30.5027)

Have a look what the booklet for
XYZ(21.7601, 24.8418, 30.5027)
contains.

XYZ(21.7059, 24.7389, 30.4191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.7059, 24.7389,
30.4191)**

Conversions

Conversions Part 1

Format	Color
Hex	738D91
RGB	115, 141, 145
RGB Percent	45%, 55%, 57%
CMY	0.5490, 0.4470, 0.4314
CMYK	0.21, 0.03, 0.00, 0.43
HSL	188°, 12%, 51%
HSV	188°, 21%, 57%
XYZ	21.7059, 24.7389, 30.4191
YIQ	133.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

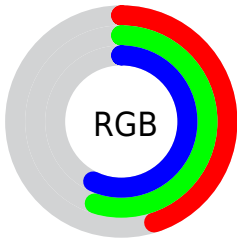
Format	Color
R_{YB}	115, 129, 145
Decimal	7572881
CIE _{Lab}	56.82, -8.26, -5.19
CIE _{LCh}	57, 9.756, 212.161
Yxy	24.7389, 0.2824, 0.3219
Android (android.graphics.Color)	4285762961 (0xFF738D91)
YUV	133.6820, 5.5798, -16.3841
Hunter-Lab	49.7382, -9.1440, -1.4441

Details

The XYZ color **21.7059, 24.7389, 30.4191** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3686, 20.4512, 19.0413**, and the grayscale version is **22.5285, 23.7017, 25.8112**.

A 20% lighter version of the original color is **45.7603, 51.3692, 61.5363**, and **8.0534, 9.4666, 12.2293** is the 20% darker color. If you saturate the color by 10%, you get **19.6649, 23.2680, 30.2432**, and if you desaturate by 10%, it is **24.0533, 26.3764, 30.6118**.

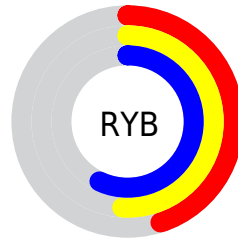
Distribution



Red (45%)

Green (55%)

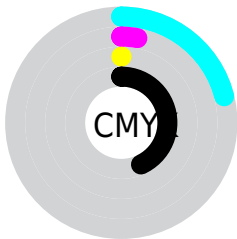
Blue (57%)



Red (45%)

Yellow (51%)

Blue (57%)

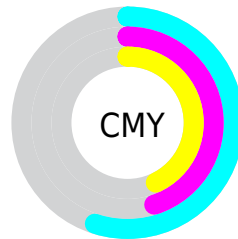


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (45%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7059, 24.7389, 30.4191 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 21.7059, 24.7389, 30.4191 by changing the saturation by 10% instead.

■ 21.7059, 24.7389,
30.4191

■ 21.7059, 24.7389,
30.4191

253.6679,
276.5351, 318.1210

■ 13.7564, 15.8826,
19.9022

■ 45.7419, 51.2333,
61.3932

■ 8.0320, 9.4411,
12.1406

■ 62.5591, 69.6403,
82.6873

■ 4.1674, 5.0300,
6.7158

■ 83.0628, 91.9996,
108.4111

■ 1.7973, 2.2649,
3.2093

107.6185,
118.6956, 138.9828

■ 0.5160, 0.7550,
1.2025

136.5915,
150.1128, 174.8211

■ 0.0000, 0.0000,
0.0000

170.3472,

186.6355, 216.3446

209.2509,
228.6482, 263.9717

■ 21.7059, 24.7389,
30.4191

■ 21.7059, 24.7389,
30.4191

■ 19.6649, 23.2680,
30.2432

■ 24.0533, 26.3764,
30.6118

■ 17.9141, 21.9535,
30.0817

■ 26.7180, 28.1842,
30.8203

■ 16.4391, 20.7884,
29.9346

■ 29.7130, 30.1698,
31.0457

■ 15.2233, 19.7643,
29.8010

■ 33.0500, 32.3391,
31.2886

■ 14.2485, 18.8716,
29.6800

■ 36.7402, 34.6981,
31.5494

■ 13.4940, 18.0996,
29.5708

■ 40.7940, 37.2521,
31.8287

■ 12.9354, 17.4358,
29.4721

■ 45.2216, 40.0063,
32.1270

■ 12.5305, 16.8836,
29.3869

■ 50.0327, 42.9660,
32.4447

■ 55.2368, 46.1358,
32.7822

Harmonies

Analogous

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



21.3900, 24.7389, 27.1740



21.7059, 24.7389, 30.4191



22.5045, 24.7389, 32.8792

Triad

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



21.7059, 24.7389, 30.4191



25.5061, 24.7389, 29.9764



23.4310, 24.7389, 21.1363

Complementary

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



21.7059, 24.7389, 30.4191



21.3686, 20.4512, 19.0413

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.



24.5524, 24.7389, 21.7567



21.7059, 24.7389, 30.4191



25.7733, 24.7389, 26.7003

Square

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



21.7059, 24.7389, 30.4191



24.7001, 24.7389, 32.6095



25.4189, 24.7389, 23.7303



22.3657, 24.7389, 21.9628

Rectangle

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



21.7059, 24.7389, 30.4191



23.2158, 24.7389, 33.6482



25.4189, 24.7389, 23.7303



23.8139, 24.7389, 21.1824

Sweetspot

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



21.7066, 24.7399, 30.4197



45.1814, 48.6745, 54.9874



20.4958, 25.2160, 21.0831



9.9923, 10.7882, 12.2279



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.



21.7066, 24.7399, 30.4197



37.0394, 42.9953, 54.3203



19.7064, 20.7395, 29.7529



5.4998, 5.9954, 6.8961



10.7612, 14.5085, 25.2103



0.1139, 0.1607, 0.2447

Inverse Universe

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



22.6160, 20.2048, 27.9084



39.0007, 33.3799, 48.8675



23.2281, 24.1703, 19.6611



5.5958, 5.4988, 6.6353



13.2349, 6.4510, 17.4201



0.1321, 0.0639, 0.1958

Previews

White Background



This preview shows how the XYZ color 21.7059, 24.7389, 30.4191 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 21.7059, 24.7389, 30.4191 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

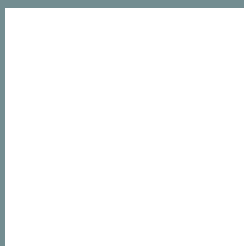
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7059, 24.7389, 30.4191

Background



This preview shows how black text looks on a background with the XYZ color 21.7059, 24.7389, 30.4191.



This preview shows how white text looks on a background with the XYZ color 21.7059, 24.7389,

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

21.7059, 24.7389, 30.4191

Protanopia

23.8630, 24.5993, 29.0816

Deuteranopia

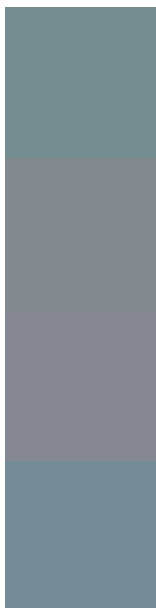
25.0193, 24.5384, 31.0215



Tritanopia

22.1665, 24.7035, 32.8781

Trichromacy



Original Color

21.7059, 24.7389, 30.4191

Protanomaly

22.9568, 24.5416, 29.5137

Deuteranomaly

23.5251, 24.3898, 30.6619

Tritanomaly

22.0054, 24.6391, 32.0298

Monochromacy



Original Color

21.7059, 24.7389, 30.4191

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2855, 24.2383, 27.5486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7059, 24.7389, 30.4191 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(115, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(115, 141, 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(115, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.7059, 24.7389, 30.4191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

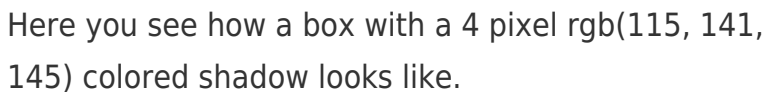
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 141, 145) }
```


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

```
.border{ border-color:rgb(115, 141, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 141, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 141, 145); box-shadow:4px 4px 4px 4px rgb(115, 141, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7059, 24.7389, 30.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 141, 145) }
```

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

```
.background{ background-color: rgb(115,  
141, 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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