

Converting Colors

XYZ(21.4244, 26.7119, 38.6752)

Have a look what the booklet for
XYZ(21.4244, 26.7119, 38.6752)
contains.

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Color

**XYZ(21.4238, 26.7089,
38.6765)**

Conversions

Conversions Part 1

Format	Color
Hex	5597A3
RGB	85, 151, 163
RGB Percent	33%, 59%, 64%
CMY	0.6667, 0.4078, 0.3608
CMYK	0.48, 0.07, 0.00, 0.36
HSL	189°, 31%, 49%
HSV	189°, 48%, 64%
XYZ	21.4238, 26.7089, 38.6765
YIQ	132.6340, -43.1880, -10.2600

Conversions

Conversions Part 2

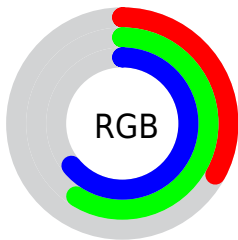
Format	Color
R _Y B	85, 121, 163
Decimal	5609379
CIE Lab	58.70, -17.71, -12.84
CIE LCh	59, 21.875, 215.950
Yxy	26.7089, 0.2468, 0.3077
Android (android.graphics.Color)	4283799459 (0xFF5597A3)
YUV	132.6340, 14.9704, -41.7750
Hunter-Lab	51.6807, -16.4454, -8.1947

Details

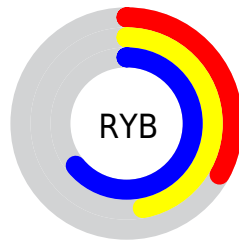
The XYZ color **21.4238, 26.7089, 38.6765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0192, 16.9923, 10.7671**, and the grayscale version is **22.1207, 23.2727, 25.3440**.

A 20% lighter version of the original color is **45.1337, 54.2136, 74.4151**, and **7.8784, 10.4951, 16.6494** is the 20% darker color. If you saturate the color by 10%, you get **19.7120, 25.2343, 38.4826**, and if you desaturate by 10%, it is **23.4867, 28.3785, 38.8905**.

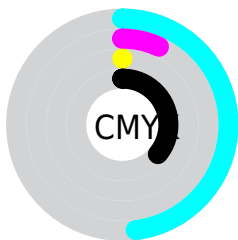
Distribution



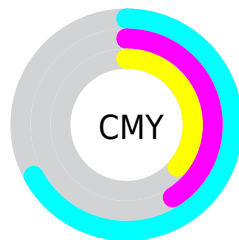
- Red (33%)
- Green (59%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4238, 26.7089, 38.6765 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 21.4238, 26.7089, 38.6765 by changing the saturation by 10% instead.

■ 21.4238, 26.7089,
38.6765

■ 21.4238, 26.7089,
38.6765

252.2116,
286.2449, 355.8980

■ 13.5484, 17.3547,
26.2023

■ 45.2778, 54.4164,
74.3587

■ 7.8868, 10.4877,
16.7479

■ 61.9870, 73.5385,
98.4038

■ 4.0738, 5.7235,
9.8949

■ 82.3716, 96.6854,
127.1430

■ 1.7440, 2.6777,
5.2246

■ 106.7968,
124.2414, 160.9947

■ 0.4836, 0.9659,
2.3186

135.6281,
156.5909, 200.3775

■ 0.0000, 0.0000,
0.7416

169.2307,

■ 0.0000, 0.0000,

194.1185, 245.7099

0.0000

207.9701,
237.2083, 297.4106

■ 21.4238, 26.7089,
38.6765

■ 21.4238, 26.7089,
38.6765

■ 19.7120, 25.2343,
38.4826

■ 23.4867, 28.3785,
38.8905

■ 18.3250, 23.9392,
38.3057

■ 25.9199, 30.2511,
39.1237

■ 17.2368, 22.8108,
38.1452

■ 28.7437, 32.3380,
39.3777

■ 16.4163, 21.8328,
37.9997

■ 31.9767, 34.6488,
39.6533

■ 15.8102, 20.9778,
37.8666

■ 35.6360, 37.1925,
39.9514

■ 15.6889, 20.8003,
37.8388

■ 39.7376, 39.9773,
40.2728

■ 44.2971, 43.0113,
40.6181

■ 49.3288, 46.3020,
40.9881

■ 54.8468, 49.8568,
41.3834

Harmonies

Analogous

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



20.5800, 26.7089, 30.6446



21.4238, 26.7089, 38.6765



23.3353, 26.7089, 44.8195

Triad

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



21.4238, 26.7089, 38.6765



30.4098, 26.7089, 35.5476



24.8535, 26.7089, 16.6933

Complementary

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



21.4238, 26.7089, 38.6765



21.0192, 16.9923, 10.7671

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.



27.5534, 26.7089, 17.5405



21.4238, 26.7089, 38.6765



30.8874, 26.7089, 27.5724

Square

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



21.4238, 26.7089, 38.6765



28.5462, 26.7089, 42.8013



29.8089, 26.7089, 21.2211



22.4681, 26.7089, 18.6600

Rectangle

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



21.4238, 26.7089, 38.6765



25.0223, 26.7089, 46.5071



29.8089, 26.7089, 21.2211



25.7532, 26.7089, 16.6637

Sweetspot

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



21.4246, 26.7099, 38.6771



53.4705, 59.3534, 70.6943



18.9878, 28.9837, 15.8305



11.7492, 13.1432, 15.8552



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.4246, 26.7099, 38.6771



35.2452, 45.1411, 68.9116



16.1852, 16.2311, 36.9307



7.1829, 7.8248, 9.0348



12.2197, 16.2188, 29.4163



0.2803, 0.3878, 0.6259

Inverse Universe

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



23.9394, 16.5186, 31.2060



40.4284, 25.2832, 53.2552



25.5065, 25.9670, 12.2629



7.3173, 7.1834, 8.6572



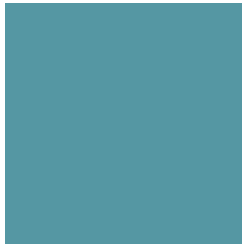
15.3134, 7.4814, 19.3729



0.3336, 0.1619, 0.4695

Previews

White Background



This preview shows how the XYZ color 21.4238, 26.7089, 38.6765 looks on a white background.

Color Contrast Check

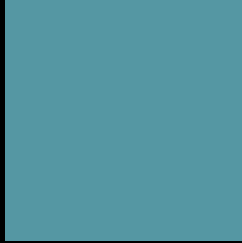
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4238, 26.7089, 38.6765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

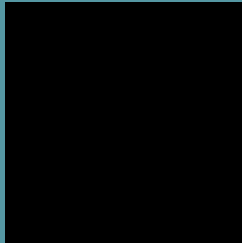
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4238, 26.7089, 38.6765

Background



This preview shows how black text looks on a background with the XYZ color 21.4238, 26.7089, 38.6765.



This preview shows how white text looks on a background with the XYZ color 21.4238, 26.7089,

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

21.4238, 26.7089, 38.6765

Protanopia

26.0263, 26.6454, 35.2238

Deuteranopia

26.9839, 26.3953, 39.7490



Tritanopia

21.4238, 26.7089, 38.6765

Trichromacy



Original Color

21.4238, 26.7089, 38.6765

Protanomaly

23.8390, 26.3717, 36.6347

Deuteranomaly

24.3497, 26.1276, 39.3571

Tritanomaly

21.4238, 26.7089, 38.6765

Monochromacy



Original Color

21.4238, 26.7089, 38.6765

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6146, 24.4828, 29.9720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4238, 26.7089, 38.6765 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(85, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(85, 151, 163)  
}
```

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(85, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 21.4238, 26.7089, 38.6765 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(85, 151, 163) }
```


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

```
.border{ border-color:rgb(85, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(85, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4238, 26.7089, 38.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 151, 163) }
```

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

```
.background{ background-color: rgb(85, 151,  
163) }
```

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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