

Converting Colors

XYZ(21.7076, 26.2810, 40.4705)

Have a look what the booklet for
XYZ(21.7076, 26.2810, 40.4705)
contains.

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Color

**XYZ(21.7470, 26.3596,
40.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	5895A7
RGB	88, 149, 167
RGB Percent	35%, 58%, 65%
CMY	0.6549, 0.4157, 0.3451
CMYK	0.47, 0.11, 0.00, 0.35
HSL	194°, 31%, 50%
HSV	194°, 47%, 65%
XYZ	21.7470, 26.3596, 40.5009
YIQ	132.8130, -42.1340, -7.3340

Conversions

Conversions Part 2

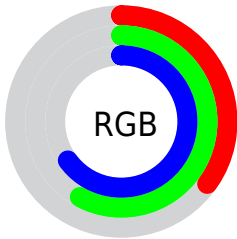
Format	Color
R_{YB}	88, 122, 167
Decimal	5805479
CIE _{Lab}	58.38, -14.78, -15.60
CIE _{LCh}	58, 21.486, 226.552
Yxy	26.3596, 0.2454, 0.2975
Android (android.graphics.Color)	4283995559 (0xFF5895A7)
YUV	132.8130, 16.8542, -39.3010
Hunter-Lab	51.3416, -14.2397, -10.8319

Details

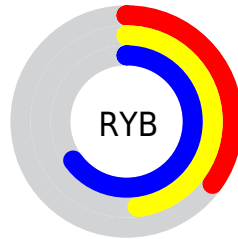
The XYZ color **21.7470, 26.3596, 40.5009** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8524, 19.2288, 11.7404**, and the grayscale version is **22.1787, 23.3337, 25.4104**.

A 20% lighter version of the original color is **45.6961, 53.7366, 77.0710**, and **8.0273, 10.2645, 17.7778** is the 20% darker color. If you saturate the color by 10%, you get **19.7516, 24.4524, 40.2384**, and if you desaturate by 10%, it is **24.1258, 28.4949, 40.7881**.

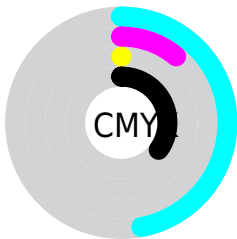
Distribution



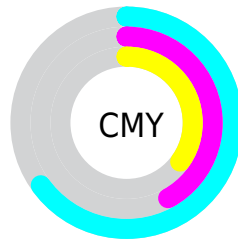
- Red (35%)
- Green (58%)
- Blue (65%)



- Red (35%)
- Yellow (48%)
- Blue (65%)



- Cyan (47%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7470, 26.3596, 40.5009 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 21.7470, 26.3596, 40.5009 by changing the saturation by 10% instead.

■ 21.7470, 26.3596,
40.5009

■ 21.7470, 26.3596,
40.5009

253.8795,
284.5429, 363.8450

■ 13.7867, 17.0929,
27.6126

■ 45.8095, 53.8545,
77.1711

■ 8.0532, 10.3007,
17.7973

■ 62.6423, 72.8514,
101.7900

■ 4.1811, 5.5988,
10.6366

■ 83.1634, 95.8606,
131.1562

■ 1.8051, 2.6027,
5.7120

■ 107.7380,
123.2663, 165.6881

■ 0.5207, 0.9280,
2.6048

136.7316,
155.4530, 205.8045

■ 0.0000, 0.0000,
0.8949

170.5095,

■ 0.0000, 0.0000,

192.8051, 251.9237

0.0000

209.4370,
235.7069, 304.4643

■ 21.7470, 26.3596,
40.5009

■ 21.7470, 26.3596,
40.5009

■ 19.7516, 24.4524,
40.2384

■ 24.1258, 28.4949,
40.7881

■ 18.1119, 22.7569,
39.9976

■ 26.9085, 30.8672,
41.0994

■ 16.8004, 21.2592,
39.7776

■ 30.1168, 33.4887,
41.4363

■ 15.7838, 19.9419,
39.5769

■ 33.7704, 36.3697,
41.7998

■ 15.0112, 18.7785,
39.3931

■ 37.8874, 39.5199,
42.1909

■ 14.8191, 18.4779,
39.3452

■ 42.4851, 42.9485,
42.6103

■ 47.5798, 46.6640,
43.0590

■ 53.1871, 50.6748,
43.5376

■ 59.3218, 54.9887,
44.0469

Harmonies

Analogous

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



20.5289, 26.3596, 33.0106



21.7470, 26.3596, 40.5009



23.9007, 26.3596, 45.1433

Triad

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



21.7470, 26.3596, 40.5009



30.2797, 26.3596, 32.1886



23.6461, 26.3596, 16.9742

Complementary

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



21.7470, 26.3596, 40.5009



22.8524, 19.2288, 11.7404

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.



26.2439, 26.3596, 16.8321



21.7470, 26.3596, 40.5009



30.1996, 26.3596, 24.7841

Square

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



21.7470, 26.3596, 40.5009



28.8921, 26.3596, 39.8095



28.6804, 26.3596, 19.4496



21.5719, 26.3596, 19.8791

Rectangle

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



21.7470, 26.3596, 40.5009



25.6333, 26.3596, 45.5520



28.6804, 26.3596, 19.4496



24.4836, 26.3596, 16.6219

Sweetspot

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



21.7478, 26.3606, 40.5015



55.8463, 61.4990, 74.4024



20.3997, 30.7350, 18.2542



12.2035, 13.5283, 16.6202



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.



21.7478, 26.3606, 40.5015



35.1386, 43.5584, 72.0309



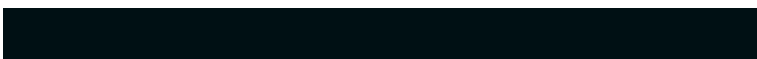
16.6177, 16.1003, 38.7915



7.6005, 8.2379, 9.6078



11.3776, 14.2154, 30.1197



0.3115, 0.4152, 0.7444

Inverse Universe

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



24.8516, 17.3657, 30.4769



41.6152, 26.2346, 50.7879



27.7653, 29.0546, 13.3780



7.7677, 7.6369, 9.0938



15.2435, 7.5061, 16.6256



0.3884, 0.1896, 0.4967

Previews

White Background



This preview shows how the XYZ color 21.7470, 26.3596, 40.5009 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 21.7470, 26.3596, 40.5009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

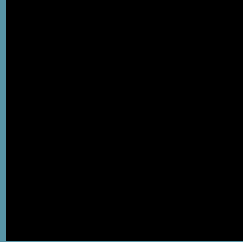
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7470, 26.3596, 40.5009

Background



This preview shows how black text looks on a background with the XYZ color 21.7470, 26.3596, 40.5009.



This preview shows how white text looks on a background with the XYZ color 21.7470, 26.3596,

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

21.7470, 26.3596, 40.5009

Protanopia

25.7311, 26.2375, 36.9659

Deuteranopia

26.6826, 26.1969, 41.6804



Tritanopia

21.2657, 26.3998, 38.1573

Trichromacy



Original Color

21.7470, 26.3596, 40.5009

Protanomaly

24.0411, 26.2112, 38.4425

Deuteranomaly

24.4320, 25.9074, 41.2490

Tritanomaly

21.5377, 26.5193, 39.1055

Monochromacy



Original Color

21.7470, 26.3596, 40.5009

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6796, 24.2915, 30.3342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7470, 26.3596, 40.5009 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(88, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(88, 149, 167)  
}
```

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(88, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 21.7470, 26.3596, 40.5009 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(88, 149, 167) }
```


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

```
.border{ border-color:rgb(88, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(88, 149,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7470, 26.3596, 40.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 149, 167) }
```

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

```
.background{ background-color: rgb(88, 149,  
167) }
```

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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