

Converting Colors

XYZ(21.6280, 26.4492, 31.6181)

Have a look what the booklet for
XYZ(21.6280, 26.4492, 31.6181)
contains.

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Color

**XYZ(21.6074, 26.4850,
31.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	679593
RGB	103, 149, 147
RGB Percent	40%, 58%, 58%
CMY	0.5961, 0.4157, 0.4235
CMYK	0.31, 0.00, 0.01, 0.42
HSL	177°, 18%, 49%
HSV	177°, 31%, 58%
XYZ	21.6074, 26.4850, 31.5771
YIQ	135.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

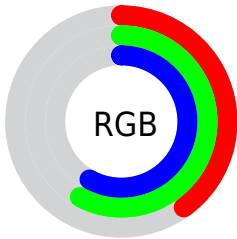
Format	Color
R_{YB}	103, 127, 149
Decimal	6788499
CIE _{Lab}	58.49, -15.94, -3.94
CIE _{LCh}	58, 16.420, 193.900
Y _{xy}	26.4850, 0.2712, 0.3324
Android (android.graphics.Color)	4284978579 (0xFF679593)
YUV	135.0180, 5.9071, -28.0798
Hunter-Lab	51.4636, -15.1166, -0.3547

Details

The XYZ color **21.6074, 26.4850, 31.5771** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7953, 17.1107, 15.6249**, and the grayscale version is **23.0223, 24.2212, 26.3769**.

A 20% lighter version of the original color is **45.6089, 53.9968, 63.2769**, and **7.9935, 10.3553, 12.8867** is the 20% darker color. If you saturate the color by 10%, you get **19.9978, 25.6618, 31.2375**, and if you desaturate by 10%, it is **23.5234, 27.4675, 31.9337**.

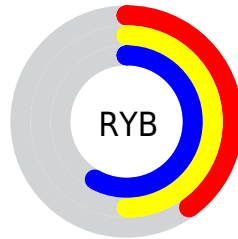
Distribution



Red (40%)

Green (58%)

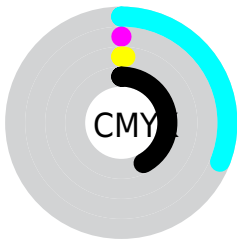
Blue (58%)



Red (40%)

Yellow (50%)

Blue (58%)

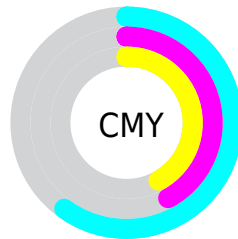


Cyan (31%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6074, 26.4850, 31.5771 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 21.6074, 26.4850, 31.5771 by changing the saturation by 10% instead.

■ 21.6074, 26.4850,
31.5771

■ 21.6074, 26.4850,
31.5771

253.1602,
285.1549, 323.6214

■ 13.6837, 17.1868,
20.7765

■ 45.5800, 54.0563,
63.2377

■ 7.9812, 10.3678,
12.7711

■ 62.3595, 73.0983,
84.9348

■ 4.1346, 5.6435,
7.1423

■ 82.8217, 96.1570,
111.1013

■ 1.7786, 2.6295,
3.4714

■ 107.3320,
123.6167, 142.1555

■ 0.5047, 0.9415,
1.3401

136.2556,
155.8620, 178.5161

■ 0.0000, 0.0000,
0.0943

169.9579,

■ 0.0000, 0.0000,

193.2772, 220.6016

0.0000

208.8043,
236.2467, 268.8305

■ 21.6074, 26.4850,
31.5771

■ 21.6074, 26.4850,
31.5771

■ 19.9978, 25.6618,
31.2375

■ 23.5234, 27.4675,
31.9337

■ 18.6762, 24.9863,
30.9123

■ 25.7585, 28.6138,
32.3061

■ 17.6255, 24.4504,
30.6012

■ 28.3274, 29.9322,
32.6957

■ 16.8263, 24.0442,
30.3034

■ 31.2434, 31.4294,
33.1031

■ 16.2563, 23.7560,
30.0179

■ 34.5188, 33.1119,
33.5287

■ 15.8892, 23.5725,
29.7433

■ 38.1655, 34.9858,
33.9732

■ 15.6695, 23.4644,
29.4994

■ 42.1948, 37.0569,
34.4372

■ 46.6175, 39.3308,
34.9211

■ 51.4440, 41.8128,
35.4254

Harmonies

Analogous

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



21.6421, 26.4850, 25.8780



21.6074, 26.4850, 31.5771



22.4918, 26.4850, 37.2068

Triad

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



21.6074, 26.4850, 31.5771



27.9471, 26.4850, 37.5638



26.2594, 26.4850, 19.4630

Complementary

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



21.6074, 26.4850, 31.5771



19.7953, 17.1107, 15.6249

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.



28.0597, 26.4850, 21.8282



21.6074, 26.4850, 31.5771



29.0689, 26.4850, 32.0148

Square

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



21.6074, 26.4850, 31.5771



26.1124, 26.4850, 40.9615



29.1112, 26.4850, 26.2614



24.2568, 26.4850, 19.3786

Rectangle

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



21.6074, 26.4850, 31.5771



23.5121, 26.4850, 39.9540



29.1112, 26.4850, 26.2614



26.9107, 26.4850, 20.0020

Sweetspot

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



21.6082, 26.4861, 31.5777



46.8631, 51.6186, 57.9695



19.0574, 25.4967, 16.7494



10.2569, 11.3734, 12.8266



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6082, 26.4861, 31.5777



36.6554, 46.3866, 56.1273



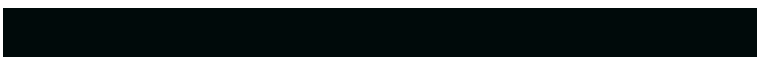
18.7774, 20.5710, 31.4159



5.9533, 6.5579, 7.3651



13.1904, 19.7490, 24.8421



0.1642, 0.2428, 0.3184

Inverse Universe

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



19.7953, 17.1107, 15.6249



32.8833, 26.8712, 22.9273



22.0136, 21.7099, 15.8627



5.8104, 5.8192, 6.1078



10.4645, 5.3908, 0.6611



0.1301, 0.0668, 0.0188

Previews

White Background



This preview shows how the XYZ color 21.6074, 26.4850, 31.5771 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 21.6074, 26.4850, 31.5771 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

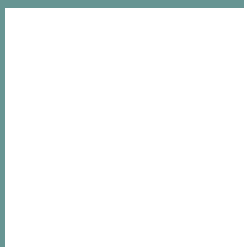
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6074, 26.4850, 31.5771

Background



This preview shows how black text looks on a background with the XYZ color 21.6074, 26.4850, 31.5771.



This preview shows how white text looks on a background with the XYZ color 21.6074, 26.4850,

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

21.6074, 26.4850, 31.5771

Protanopia

25.1957, 26.1391, 28.9167

Deuteranopia

26.7036, 26.1999, 32.5038



Tritanopia

22.6356, 26.4348, 36.7103

Trichromacy



Original Color

21.6074, 26.4850, 31.5771

Protanomaly

23.6825, 26.2173, 29.7988

Deuteranomaly

24.4654, 26.1252, 32.1870

Tritanomaly

22.3320, 26.5496, 34.9579

Monochromacy



Original Color

21.6074, 26.4850, 31.5771

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2067, 24.8312, 28.0486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6074, 26.4850, 31.5771 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(103, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(103, 149, 147)  
}
```

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(103, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.6074, 26.4850, 31.5771 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(103, 149, 147) }
```


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

```
.border{ border-color:rgb(103, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(103, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6074, 26.4850, 31.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 149, 147) }
```

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

```
.background{ background-color: rgb(103,  
149, 147) }
```

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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