

Converting Colors

XYZ(21.1063, 26.0505, 39.5131)

Have a look what the booklet for
XYZ(21.1063, 26.0505, 39.5131)
contains.

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Color

**XYZ(21.1063, 26.0505,
39.5131)**

Conversions

Conversions Part 1

Format	Color
Hex	5395A5
RGB	83, 149, 165
RGB Percent	33%, 58%, 65%
CMY	0.6745, 0.4157, 0.3529
CMYK	0.50, 0.10, 0.00, 0.35
HSL	192°, 33%, 49%
HSV	192°, 50%, 65%
XYZ	21.1063, 26.0505, 39.5131
YIQ	131.0900, -44.4720, -9.0160

Conversions

Conversions Part 2

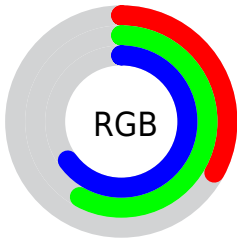
Format	Color
R _Y B	83, 120, 165
Decimal	5477797
CIE Lab	58.08, -16.55, -14.92
CIE LCh	58, 22.286, 222.039
Yxy	26.0505, 0.2435, 0.3006
Android (android.graphics.Color)	4283667877 (0xFF5395A5)
YUV	131.0900, 16.7176, -42.1749
Hunter-Lab	51.0397, -15.5049, -10.1724

Details

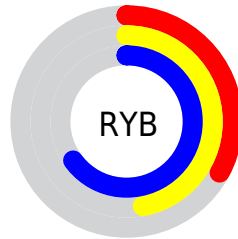
The XYZ color **21.1063, 26.0505, 39.5131** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.5409, 17.5483, 10.4364**, and the grayscale version is **21.5598, 22.6826, 24.7014**.

A 20% lighter version of the original color is **44.7554, 53.2825, 75.6358**, and **7.7017, 10.1098, 17.1682** is the 20% darker color. If you saturate the color by 10%, you get **19.3180, 24.3834, 39.2860**, and if you desaturate by 10%, it is **23.2568, 27.9263, 39.7623**.

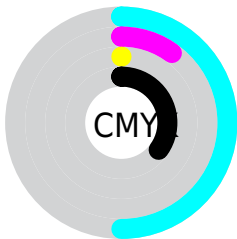
Distribution



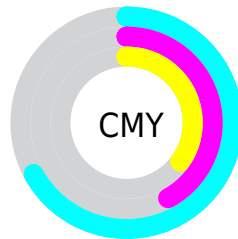
- Red (33%)
- Green (58%)
- Blue (65%)



- Red (33%)
- Yellow (47%)
- Blue (65%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1063, 26.0505, 39.5131 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 21.1063, 26.0505, 39.5131 by changing the saturation by 10% instead.

■ 21.1063, 26.0505,
39.5131

■ 21.1063, 26.0505,
39.5131

250.5639,
283.0299, 359.5580

■ 13.3146, 16.8614,
26.8482

■ 44.7543, 53.3564,
75.6505

■ 7.7240, 10.1357,
17.2278

■ 61.3414, 72.2420,
99.9600

■ 3.9692, 5.4890,
10.2334

■ 81.5910, 95.1286,
128.9883

■ 1.6847, 2.5370,
5.4464

■ 105.8684,
122.4006, 163.1537

■ 0.4467, 0.8951,
2.4482

■ 134.5391,
154.4423, 202.8748

■ 0.0000, 0.0000,
0.8125

167.9683,

■ 0.0000, 0.0000,

191.6381, 248.5702

0.0000

206.5215,
234.3725, 300.6584

■ 21.1063, 26.0505,
39.5131

■ 21.1063, 26.0505,
39.5131

■ 19.3180, 24.3834,
39.2860

■ 23.2568, 27.9263,
39.7623

■ 17.8643, 22.9090,
39.0781

■ 25.7896, 30.0198,
40.0329

■ 16.7176, 21.6134,
38.8884

■ 28.7263, 32.3426,
40.3265

■ 15.8446, 20.4794,
38.7156

■ 32.0861, 34.9050,
40.6440

■ 15.1725, 19.4691,
38.5560

■ 35.8870, 37.7163,
40.9863

■ 15.1528, 19.4389,
38.5512

■ 40.1457, 40.7854,
41.3542

■ 44.8785, 44.1207,
41.7485

■ 50.1003, 47.7301,
42.1700

■ 55.8257, 51.6213,
42.6193

Harmonies

Analogous

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



20.0285, 26.0505, 31.5754



21.1063, 26.0505, 39.5131



23.1958, 26.0505, 44.9611

Triad

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



21.1063, 26.0505, 39.5131



30.0262, 26.0505, 33.1933



23.6946, 26.0505, 16.1814

Complementary

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



21.1063, 26.0505, 39.5131



21.5409, 17.5483, 10.4364

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.



26.3934, 26.0505, 16.4559



21.1063, 26.0505, 39.5131



30.1840, 26.0505, 25.3792

Square

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



21.1063, 26.0505, 39.5131



28.3964, 26.0505, 40.8812



28.8132, 26.0505, 19.5391



21.4485, 26.0505, 18.7054

Rectangle

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



21.1063, 26.0505, 39.5131



24.9452, 26.0505, 45.9389



28.8132, 26.0505, 19.5391



24.5762, 26.0505, 15.9642

Sweetspot

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



21.1071, 26.0515, 39.5137



54.0102, 59.8970, 72.4670



19.2293, 29.6323, 16.2706



11.5508, 12.8977, 15.8182



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.



21.1071, 26.0515, 39.5137



34.1958, 43.2772, 70.3033



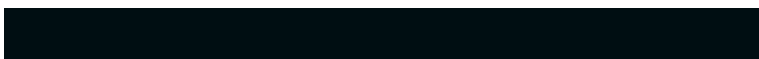
15.8247, 15.4867, 37.7529



7.1582, 7.7753, 9.0266



11.4980, 14.7755, 29.1757



0.2700, 0.3672, 0.6225

Inverse Universe

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



24.0358, 16.3566, 30.3251



40.2911, 24.6104, 50.8415



26.3165, 27.0995, 12.0282



7.3048, 7.1784, 8.5915



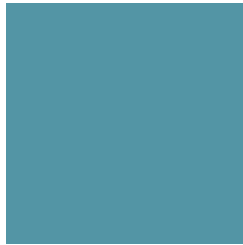
14.9491, 7.3357, 17.4547



0.3284, 0.1599, 0.4422

Previews

White Background



This preview shows how the XYZ color 21.1063, 26.0505, 39.5131 looks on a white background.

Color Contrast Check

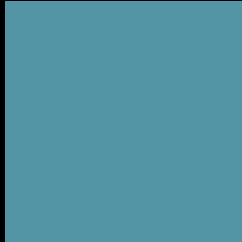
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1063, 26.0505, 39.5131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

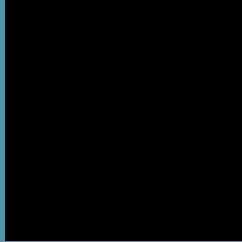
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1063, 26.0505, 39.5131

Background



This preview shows how black text looks on a background with the XYZ color 21.1063, 26.0505, 39.5131.



This preview shows how white text looks on a background with the XYZ color 21.1063, 26.0505,

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

21.1063, 26.0505, 39.5131

Protanopia

25.4134, 25.8798, 36.0036

Deuteranopia

26.3533, 25.8387, 40.6442



Tritanopia

20.9076, 26.2152, 38.1405

Trichromacy



Original Color

21.1063, 26.0505, 39.5131

Protanomaly

23.4421, 25.7011, 37.4435

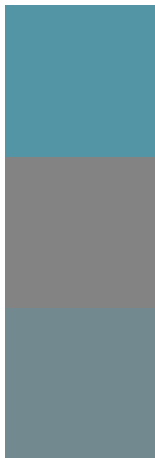
Deuteranomaly

23.9711, 25.6913, 40.2547

Tritanomaly

20.9969, 26.2509, 38.6106

Monochromacy



Original Color

21.1063, 26.0505, 39.5131

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9858, 23.7375, 29.4623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1063, 26.0505, 39.5131 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(83, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(83, 149, 165)  
}
```

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(83, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 149, 165) }
```

Border

The CSS property to change the border of an element to XYZ 21.1063, 26.0505, 39.5131 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(83, 149, 165) }
```


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

```
.border{ border-color:rgb(83, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(83, 149,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1063, 26.0505, 39.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 149, 165) }
```

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

```
.background{ background-color: rgb(83, 149,  
165) }
```

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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