

Converting Colors

XYZ(19.5188, 21.5161, 31.4028)

Have a look what the booklet for
XYZ(19.5188, 21.5161, 31.4028)
contains.

XYZ(19.4850, 21.4667, 31.5503)	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(19.4850, 21.4667,
31.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8395
RGB	106, 131, 149
RGB Percent	42%, 51%, 58%
CMY	0.5843, 0.4863, 0.4157
CMYK	0.29, 0.12, 0.00, 0.42
HSL	205°, 17%, 50%
HSV	205°, 29%, 58%
XYZ	19.4850, 21.4667, 31.5503
YIQ	125.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

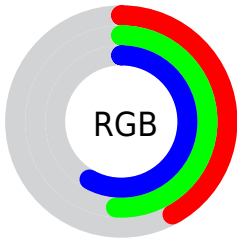
Format	Color
R_{YB}	106, 122, 149
Decimal	6980501
CIE _{Lab}	53.46, -4.56, -12.59
CIE _{LCh}	53, 13.394, 250.090
Yxy	21.4667, 0.2688, 0.2961
Android (android.graphics.Color)	4285170581 (0xFF6A8395)
YUV	125.5770, 11.5475, -17.1690
Hunter-Lab	46.3322, -6.0131, -7.9415

Details

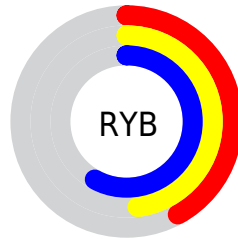
The XYZ color **19.4850, 21.4667, 31.5503** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.2040, 21.8457, 16.6827**, and the grayscale version is **19.6554, 20.6790, 22.5195**.

A 20% lighter version of the original color is **42.0205, 45.8619, 63.1374**, and **6.9092, 7.7863, 12.6940** is the 20% darker color. If you saturate the color by 10%, you get **17.0533, 19.0073, 31.2041**, and if you desaturate by 10%, it is **22.2761, 24.1873, 31.9287**.

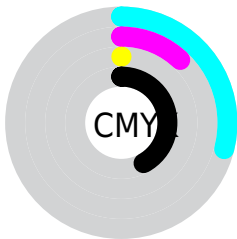
Distribution



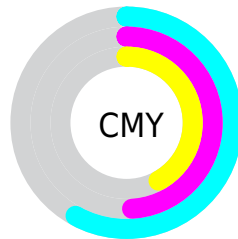
- Red (42%)
- Green (51%)
- Blue (58%)



- Red (42%)
- Yellow (48%)
- Blue (58%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4850, 21.4667, 31.5503 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 19.4850, 21.4667, 31.5503 by changing the saturation by 10% instead.

■ 19.4850, 21.4667,
31.5503

■ 19.4850, 21.4667,
31.5503

242.0004,
259.7484, 323.4950

■ 12.1273, 13.4656,
20.7563

■ 42.0626, 45.8630,
63.1951

■ 6.9033, 7.7499,
12.7565

■ 58.0133, 63.0269,
84.8830

■ 3.4475, 3.9353,
7.1323

■ 77.5589, 84.0139,
111.0393

■ 1.3946, 1.6375,
3.4653

■ 101.0650,
109.2083, 142.0824

■ 0.2524, 0.3827,
1.3368

128.8968,
138.9946, 178.4310

■ 0.0000, 0.0000,
0.0917

161.4198,

■ 0.0000, 0.0000,

173.7571, 220.5036

0.0000

198.9992,
213.8803, 268.7188

■ 19.4850, 21.4667,
31.5503

■ 19.4850, 21.4667,
31.5503

■ 17.0533, 19.0073,
31.2041

■ 22.2761, 24.1873,
31.9287

■ 14.9624, 16.7965,
30.8876

■ 25.4403, 27.1759,
32.3388

■ 13.1944, 14.8246,
30.6001

■ 28.9929, 30.4421,
32.7820

■ 11.7295, 13.0796,
30.3406

■ 32.9477, 33.9942,
33.2592

■ 10.5450, 11.5486,
30.1075

■ 37.3178, 37.8403,
33.7712

■ 9.6146, 10.2166,
29.8994

■ 42.1158, 41.9878,
34.3189

■ 8.8823, 9.0533,
29.7134

■ 47.3536, 46.4441,
34.9029

■ 8.8034, 8.9270,
29.6932

■ 53.0426, 51.2162,
35.5242

■ 59.1939, 56.3109,
36.1834

Harmonies

Analogous

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



18.3793, 21.4667, 28.7968



19.4850, 21.4667, 31.5503



20.8870, 21.4667, 31.9766

Triad

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



19.4850, 21.4667, 31.5503



23.2201, 21.4667, 22.0263



18.6902, 21.4667, 17.8723

Complementary

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



19.4850, 21.4667, 31.5503



22.2040, 21.8457, 16.6827

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.



19.9274, 21.4667, 16.4711



19.4850, 21.4667, 31.5503



22.5710, 21.4667, 18.6780

Square

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



19.4850, 21.4667, 31.5503



23.0881, 21.4667, 26.1475



21.3503, 21.4667, 16.7478



17.9354, 21.4667, 20.8032

Rectangle

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



19.4850, 21.4667, 31.5503



21.8074, 21.4667, 30.8374



21.3503, 21.4667, 16.7478



19.0611, 21.4667, 17.2232

Sweetspot

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



19.4857, 21.4676, 31.5508



45.3650, 48.4865, 57.8891



20.3246, 26.0127, 22.9914



9.8782, 10.5816, 12.8066



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.



19.4857, 21.4676, 31.5508



31.8437, 35.3770, 56.0714



16.9003, 16.2969, 30.6890



5.7627, 6.1594, 7.3549



7.4389, 7.5727, 25.0006



0.1203, 0.1511, 0.3157

Inverse Universe

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



21.6458, 18.3369, 23.8722



36.4826, 29.0884, 39.4840



25.1856, 27.8090, 17.6765



5.9337, 5.8685, 6.7568



11.8819, 5.9578, 8.1251



0.1602, 0.0788, 0.1771

Previews

White Background



This preview shows how the XYZ color 19.4850, 21.4667, 31.5503 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 19.4850, 21.4667, 31.5503 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

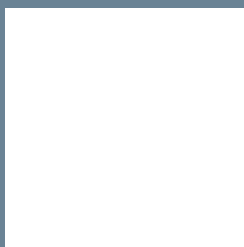
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4850, 21.4667, 31.5503

Background



This preview shows how black text looks on a background with the XYZ color 19.4850, 21.4667, 31.5503.



This preview shows how white text looks on a background with the XYZ color 19.4850, 21.4667,

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

19.4850, 21.4667, 31.5503

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

21.7659, 21.2844, 31.8153



Tritanopia

19.0349, 21.4890, 29.1311

Trichromacy



Original Color

19.4850, 21.4667, 31.5503

Protanomaly

20.3217, 21.3268, 30.6492

Deuteranomaly

20.9796, 21.4457, 31.8879

Tritanomaly

19.1878, 21.5501, 29.9363

Monochromacy



Original Color

19.4850, 21.4667, 31.5503

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6300, 21.0815, 25.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4850, 21.4667, 31.5503 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(106, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 131, 149)  
}
```

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(106, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 131, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.4850, 21.4667, 31.5503 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(106, 131, 149) }
```


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

```
.border{ border-color:rgb(106, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 131, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 131, 149); box-shadow:4px 4px 4px 4px rgb(106, 131, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4850, 21.4667, 31.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 131, 149) }
```

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

```
.background{ background-color: rgb(106,  
131, 149) }
```

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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