

Converting Colors

XYZ(19.3752, 21.8774, 34.5612)

Have a look what the booklet for
XYZ(19.3752, 21.8774, 34.5612)
contains.

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Color

**XYZ(19.4556, 21.9919,
34.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	61869C
RGB	97, 134, 156
RGB Percent	38%, 53%, 61%
CMY	0.6196, 0.4745, 0.3882
CMYK	0.38, 0.14, 0.00, 0.39
HSL	202°, 23%, 50%
HSV	202°, 38%, 61%
XYZ	19.4556, 21.9919, 34.6719
YIQ	125.4450, -29.1140, -1.0020

Conversions

Conversions Part 2

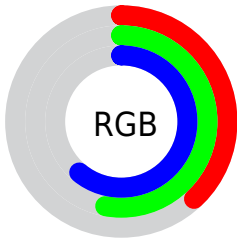
Format	Color
R_{YB}	97, 120, 156
Decimal	6391452
CIE _{Lab}	54.02, -7.13, -15.85
CIE _{LCh}	54, 17.383, 245.779
Yxy	21.9919, 0.2556, 0.2889
Android (android.graphics.Color)	4284581532 (0xFF61869C)
YUV	125.4450, 15.0636, -24.9463
Hunter-Lab	46.8955, -8.0127, -11.0088

Details

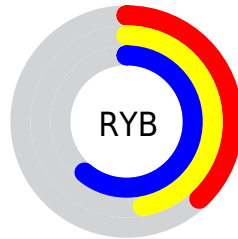
The XYZ color **19.4556, 21.9919, 34.6719** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4651, 21.1249, 14.2033**, and the grayscale version is **19.6014, 20.6222, 22.4575**.

A 20% lighter version of the original color is **42.1059, 46.7278, 68.4282**, and **6.8468, 7.9414, 14.5366** is the 20% darker color. If you saturate the color by 10%, you get **17.1722, 19.6544, 34.3414**, and if you desaturate by 10%, it is **22.1115, 24.5881, 35.0334**.

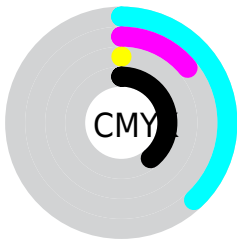
Distribution



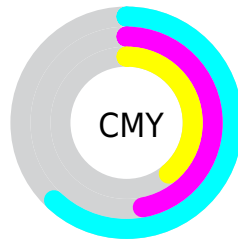
- Red (38%)
- Green (53%)
- Blue (61%)



- Red (38%)
- Yellow (47%)
- Blue (61%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (62%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4556, 21.9919, 34.6719 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 19.4556, 21.9919, 34.6719 by changing the saturation by 10% instead.

■ 19.4556, 21.9919,
34.6719

■ 19.4556, 21.9919,
34.6719

241.8426,
262.5040, 337.9779

■ 12.1059, 13.8509,
23.1287

■ 42.0135, 46.7326,
68.1230

■ 6.8886, 8.0171,
14.4824

■ 57.9524, 64.1012,
90.8679

■ 3.4382, 4.1059,
8.3144

■ 77.4851, 85.3144,
118.1839

■ 1.3895, 1.7330,
4.2061

■ 100.9769,
110.7566, 150.4895

■ 0.2487, 0.4449,
1.7391

128.7932,
140.8123, 188.2031

■ 0.0000, 0.0000,
0.3873

161.2994,

■ 0.0000, 0.0000,

175.8658, 231.7433

0.0000

198.8607,
216.3016, 281.5288

■ 19.4556, 21.9919,
34.6719

■ 19.4556, 21.9919,
34.6719

■ 17.1722, 19.6544,
34.3414

■ 22.1115, 24.5881,
35.0334

■ 15.2392, 17.5616,
34.0394

■ 25.1563, 27.4509,
35.4255

■ 13.6355, 15.7022,
33.7650

■ 28.6076, 30.5910,
35.8497

■ 12.3362, 14.0621,
33.5169

■ 32.4815, 34.0176,
36.3069

■ 11.3128, 12.6255,
33.2936

■ 36.7931, 37.7395,
36.7981

■ 10.5150, 11.3654,
33.0924

■ 41.5568, 41.7650,
37.3240

■ 10.3530, 11.1047,
33.0506

■ 46.7862, 46.1020,
37.8855

■ 52.4944, 50.7581,
38.4834

■ 58.6939, 55.7409,
39.1184

Harmonies

Analogous

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



18.1072, 21.9919, 30.5166



19.4556, 21.9919, 34.6719



21.2684, 21.9919, 35.7817

Triad

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



19.4556, 21.9919, 34.6719



24.7060, 21.9919, 22.9189



18.8613, 21.9919, 16.4957

Complementary

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



19.4556, 21.9919, 34.6719



22.4651, 21.1249, 14.2033

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.



20.5411, 21.9919, 15.0580



19.4556, 21.9919, 34.6719



23.9719, 21.9919, 18.3925

Square

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



19.4556, 21.9919, 34.6719



24.3726, 21.9919, 28.4448



22.4197, 21.9919, 15.6966



17.7787, 21.9919, 19.9475

Rectangle

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



19.4556, 21.9919, 34.6719



22.5131, 21.9919, 34.5200



22.4197, 21.9919, 15.6966



19.3709, 21.9919, 15.7864

Sweetspot

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



19.4563, 21.9928, 34.6724



49.7440, 53.5657, 64.8442



20.1265, 27.6419, 21.6127



10.7730, 11.6300, 14.2474



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4563, 21.9928, 34.6724



31.9386, 36.4813, 62.4850



15.9691, 15.0183, 33.5100



6.6138, 7.0933, 8.4272



8.5616, 9.2147, 27.2346



0.1925, 0.2436, 0.5001

Inverse Universe

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



22.2886, 17.3391, 24.7273



37.9522, 27.3635, 41.1983



26.4792, 29.1531, 15.5413



6.7992, 6.7126, 7.7935



13.1197, 6.5524, 10.1472



0.2545, 0.1251, 0.2863

Previews

White Background



This preview shows how the XYZ color 19.4556, 21.9919, 34.6719 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 19.4556, 21.9919, 34.6719 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

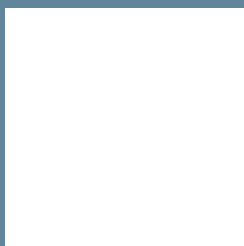
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4556, 21.9919, 34.6719

Background



This preview shows how black text looks on a background with the XYZ color 19.4556, 21.9919, 34.6719.



This preview shows how white text looks on a background with the XYZ color 19.4556, 21.9919,

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

19.4556, 21.9919, 34.6719

Protanopia

21.6988, 21.9904, 32.8067

Deuteranopia

22.3848, 21.9024, 35.3955



Tritanopia

18.7899, 22.1478, 30.8884

Trichromacy



Original Color

19.4556, 21.9919, 34.6719

Protanomaly

20.6718, 21.8426, 33.2635

Deuteranomaly

21.1385, 21.8478, 35.0012

Tritanomaly

18.9929, 22.0168, 32.1028

Monochromacy



Original Color

19.4556, 21.9919, 34.6719

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2333, 20.8608, 26.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4556, 21.9919, 34.6719 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(97, 134, 156) looks like.

```
.text, #text, p{  
    color:rgb(97, 134, 156)  
}
```

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(97, 134, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 134, 156) }
```

Border

The CSS property to change the border of an element to XYZ 19.4556, 21.9919, 34.6719 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(97, 134, 156) }
```


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

```
.border{ border-color:rgb(97, 134, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 134, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 134, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 134, 156);  
box-shadow:4px 4px 4px 4px rgb(97, 134,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4556, 21.9919, 34.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 134, 156) }
```

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

```
.background{ background-color: rgb(97, 134,  
156) }
```

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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