

Converting Colors

XYZ(19.5195, 24.4004, 35.1335)

Have a look what the booklet for
XYZ(19.5195, 24.4004, 35.1335)
contains.

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Color

**XYZ(19.5195, 24.4004,
35.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	51919C
RGB	81, 145, 156
RGB Percent	32%, 57%, 61%
CMY	0.6823, 0.4314, 0.3882
CMYK	0.48, 0.07, 0.00, 0.39
HSL	189°, 32%, 46%
HSV	189°, 48%, 61%
XYZ	19.5195, 24.4004, 35.1335
YIQ	127.1180, -41.6750, -10.1470

Conversions

Conversions Part 2

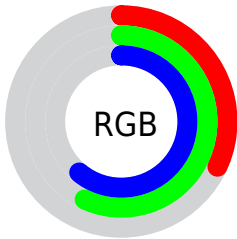
Format	Color
R_{YB}	81, 116, 156
Decimal	5345692
CIE _{Lab}	56.49, -17.45, -12.20
CIE _{LCh}	56, 21.290, 214.965
Y _{xy}	24.4004, 0.2469, 0.3087
Android (android.graphics.Color)	4283535772 (0xFF51919C)
Y _{UV}	127.1180, 14.2388, -40.4455
Hunter-Lab	49.3968, -15.9087, -7.5923

Details

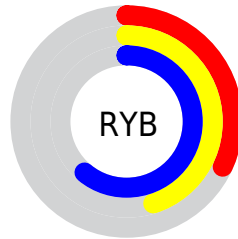
The XYZ color **19.5195, 24.4004, 35.1335** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0232, 15.3169, 9.7391**, and the grayscale version is **20.1769, 21.2276, 23.1169**.

A 20% lighter version of the original color is **42.0480, 50.6509, 68.5332**, and **6.9059, 9.2075, 14.7778** is the 20% darker color. If you saturate the color by 10%, you get **17.9873, 23.0973, 34.9632**, and if you desaturate by 10%, it is **21.3674, 25.8778, 35.3217**.

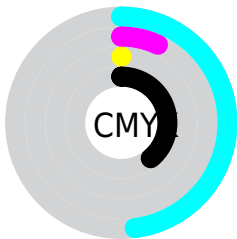
Distribution



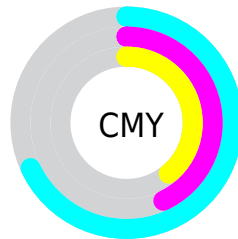
- Red (32%)
- Green (57%)
- Blue (61%)



- Red (32%)
- Yellow (45%)
- Blue (61%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (39%)



- Cyan (68%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5195, 24.4004, 35.1335 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 19.5195, 24.4004, 35.1335 by changing the saturation by 10% instead.

■ 19.5195, 24.4004,
35.1335

■ 19.5195, 24.4004,
35.1335

■ 242.1853,
274.8386, 340.0793

■ 12.1525, 15.6309,
23.4814

■ 42.1202, 50.6828,
68.8464

■ 6.9205, 9.2634,
14.7407

■ 58.0846, 68.9645,
91.7443

■ 3.4583, 4.9134,
8.4930

■ 77.6456, 91.1857,
119.2279

■ 1.4005, 2.1965,
4.3197

■ 101.1684,
117.7309, 151.7156

■ 0.2566, 0.7181,
1.8023

■ 129.0184,
148.9844, 189.6261

■ 0.0000, 0.0000,
0.4295

161.5610,

■ 0.0000, 0.0000,

185.3305, 233.3778

0.0000

199.1615,
227.1538, 283.3894

■ 19.5195, 24.4004,
35.1335

■ 19.5195, 24.4004,
35.1335

■ 17.9873, 23.0973,
34.9632

■ 21.3674, 25.8778,
35.3217

■ 16.7471, 21.9546,
34.8080

■ 23.5480, 27.5367,
35.5270

■ 15.7757, 20.9607,
34.6673

■ 26.0799, 29.3873,
35.7507

■ 15.0449, 20.1012,
34.5399

■ 28.9796, 31.4381,
35.9937

■ 14.5033, 19.3494,
34.4234

■ 32.2624, 33.6971,
36.2567

■ 14.4052, 19.2090,
34.4015

■ 35.9430, 36.1719,
36.5404

■ 40.0350, 38.8696,
36.8455

■ 44.5516, 41.7970,
37.1725

■ 49.5053, 44.9607,
37.5220

Harmonies

Analogous

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



18.7820, 24.4004, 27.7605



19.5195, 24.4004, 35.1335



21.2429, 24.4004, 40.8668

Triad

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



19.5195, 24.4004, 35.1335



27.7581, 24.4004, 32.7378



22.7839, 24.4004, 15.2068

Complementary

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



19.5195, 24.4004, 35.1335



19.0232, 15.3169, 9.7391

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.



25.2565, 24.4004, 16.0667



19.5195, 24.4004, 35.1335



28.2430, 24.4004, 25.4100

Square

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



19.5195, 24.4004, 35.1335



26.0163, 24.4004, 39.3207



27.2981, 24.4004, 19.5216



20.5796, 24.4004, 16.9219

Rectangle

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



19.5195, 24.4004, 35.1335



22.7783, 24.4004, 42.5185



27.2981, 24.4004, 19.5216



23.6104, 24.4004, 15.2078

Sweetspot

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



19.5202, 24.4013, 35.1341



49.2879, 54.7459, 65.0960



17.1708, 26.2822, 14.0663



10.6190, 11.8852, 14.3048



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.



19.5202, 24.4013, 35.1341



32.4031, 41.7143, 63.4706



14.8102, 14.9813, 33.5641



6.7389, 7.3436, 8.4690



11.8848, 15.8612, 28.3424



0.2330, 0.3246, 0.5136

Inverse Universe

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



21.7642, 14.9978, 28.5368



37.1361, 23.0147, 49.3012



22.9807, 23.2318, 11.0583



6.8623, 6.7378, 8.1260



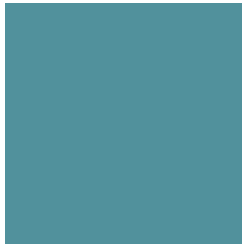
14.7971, 7.2234, 18.9805



0.2749, 0.1333, 0.3939

Previews

White Background



This preview shows how the XYZ color 19.5195, 24.4004, 35.1335 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 19.5195, 24.4004, 35.1335 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 19.5195, 24.4004, 35.1335

Background



This preview shows how black text looks on a background with the XYZ color 19.5195, 24.4004, 35.1335.



This preview shows how white text looks on a background with the XYZ color 19.5195, 24.4004,

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

19.5195, 24.4004, 35.1335

Protanopia

23.6228, 24.2067, 31.8611

Deuteranopia

24.6626, 24.2400, 36.1798



Tritanopia

19.6045, 24.4344, 35.5813

Trichromacy



Original Color

19.5195, 24.4004, 35.1335

Protanomaly

21.6954, 24.0214, 33.1989

Deuteranomaly

22.3197, 24.0729, 35.8179

Tritanomaly

19.6045, 24.4344, 35.5813

Monochromacy



Original Color

19.5195, 24.4004, 35.1335

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5429, 22.2002, 27.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5195, 24.4004, 35.1335 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(81, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(81, 145, 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(81, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 145, 156) }
```

Border

The CSS property to change the border of an element to XYZ 19.5195, 24.4004, 35.1335 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(81, 145, 156) }
```


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

```
.border{ border-color:rgb(81, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(81, 145,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5195, 24.4004, 35.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 145, 156) }
```

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

```
.background{ background-color: rgb(81, 145,  
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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