

Converting Colors

XYZ(19.5624, 24.3730, 31.9095)

Have a look what the booklet for
XYZ(19.5624, 24.3730, 31.9095)
contains.

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Color

**XYZ(19.5179, 24.2403,
32.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	599095
RGB	89, 144, 149
RGB Percent	35%, 56%, 58%
CMY	0.6510, 0.4353, 0.4157
CMYK	0.40, 0.03, 0.00, 0.42
HSL	185°, 25%, 47%
HSV	185°, 40%, 58%
XYZ	19.5179, 24.2403, 32.0839
YIQ	128.1250, -34.3850, -10.1050

Conversions

Conversions Part 2

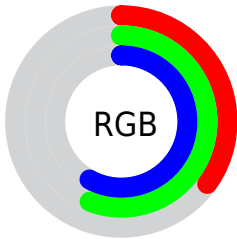
Format	Color
R_{YB}	89, 118, 149
Decimal	5869717
CIE _{Lab}	56.33, -16.77, -8.39
CIE _{LCh}	56, 18.750, 206.565
Yxy	24.2403, 0.2573, 0.3196
Android (android.graphics.Color)	4284059797 (0xFF599095)
YUV	128.1250, 10.2914, -34.3126
Hunter-Lab	49.2344, -15.3979, -4.1726

Details

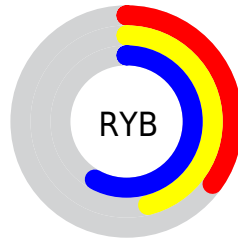
The XYZ color **19.5179, 24.2403, 32.0839** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2007, 15.1165, 11.4103**, and the grayscale version is **20.5357, 21.6052, 23.5280**.

A 20% lighter version of the original color is **42.1289, 50.4507, 64.0175**, and **6.8819, 9.1039, 12.9498** is the 20% darker color. If you saturate the color by 10%, you get **18.0435, 23.2032, 31.9619**, and if you desaturate by 10%, it is **21.2852, 25.4326, 32.2213**.

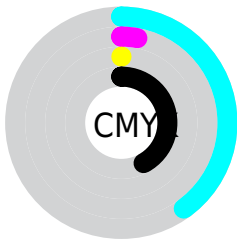
Distribution



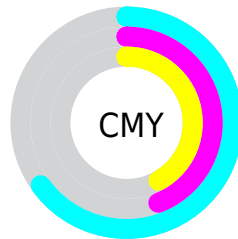
- Red (35%)
- Green (56%)
- Blue (58%)



- Red (35%)
- Yellow (46%)
- Blue (58%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (65%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5179, 24.2403, 32.0839 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 19.5179, 24.2403, 32.0839 by changing the saturation by 10% instead.

■ 19.5179, 24.2403,
32.0839

■ 19.5179, 24.2403,
32.0839

242.1767,
274.0331, 326.0058

■ 12.1513, 15.5120,
21.1602

■ 42.1176, 50.4221,
64.0420

■ 6.9197, 9.1795,
13.0488

■ 58.0813, 68.6443,
85.9136

■ 3.4578, 4.8584,
7.3310

■ 77.6416, 90.7999,
112.2715

■ 1.4002, 2.1644,
3.5884

■ 101.1636,
117.2733, 143.5344

■ 0.2564, 0.7005,
1.4024

129.0128,
148.4490, 180.1207

■ 0.0000, 0.0000,
0.1436

161.5544,

■ 0.0000, 0.0000,

184.7112, 222.4490

0.0000

199.1540,
226.4445, 270.9378

■ 19.5179, 24.2403,
32.0839

■ 19.5179, 24.2403,
32.0839

■ 18.0435, 23.2032,
31.9619

■ 21.2852, 25.4326,
32.2213

■ 16.8423, 22.3094,
31.8526

■ 23.3595, 26.7856,
32.3731

■ 15.8955, 21.5499,
31.7559

■ 25.7562, 28.3080,
32.5407

■ 15.1811, 20.9132,
31.6707

■ 28.4894, 30.0069,
32.7245

■ 14.6731, 20.3859,
31.5957

■ 31.5721, 31.8892,
32.9254

■ 14.3121, 19.9444,
31.5295

■ 35.0169, 33.9612,
33.1437

■ 38.8355, 36.2290,
33.3802

■ 43.0391, 38.6984,
33.6353

■ 47.6386, 41.3751,
33.9095

Harmonies

Analogous

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



19.1342, 24.2403, 25.6866



19.5179, 24.2403, 32.0839



20.8242, 24.2403, 37.6277

Triad

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



19.5179, 24.2403, 32.0839



26.6858, 24.2403, 33.5119



23.2897, 24.2403, 16.2038

Complementary

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



19.5179, 24.2403, 32.0839



18.2007, 15.1165, 11.4103

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.



25.4069, 24.2403, 17.6528



19.5179, 24.2403, 32.0839



27.4434, 24.2403, 27.1134

Square

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



19.5179, 24.2403, 32.0839



24.9492, 24.2403, 38.5385



26.9615, 24.2403, 21.4193



21.2301, 24.2403, 17.1128

Rectangle

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



19.5179, 24.2403, 32.0839



22.0872, 24.2403, 39.7493



26.9615, 24.2403, 21.4193



24.0191, 24.2403, 16.4247

Sweetspot

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



19.5186, 24.2413, 32.0845



45.2300, 50.1318, 58.2138



16.8436, 24.4095, 14.1803



9.9117, 11.0392, 12.8932



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.



19.5186, 24.2413, 32.0845



32.6265, 41.7789, 57.2658



15.6759, 16.5558, 30.8036



5.9232, 6.4805, 7.4084



12.0559, 16.8065, 26.5396



0.1574, 0.2253, 0.3281

Inverse Universe

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



21.0014, 15.5485, 28.2809



35.6971, 24.2541, 49.2825



21.2811, 21.2773, 12.4371



6.0147, 5.9009, 7.1835



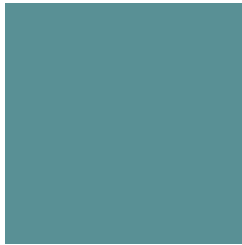
14.2123, 6.8900, 20.3969



0.1789, 0.0863, 0.2757

Previews

White Background



This preview shows how the XYZ color 19.5179, 24.2403, 32.0839 looks on a white background.

Color Contrast Check

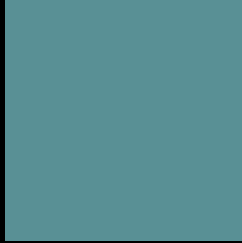
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5179, 24.2403, 32.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

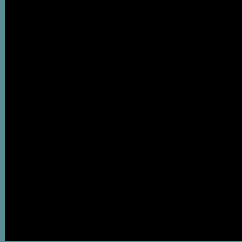
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.5179, 24.2403, 32.0839

Background



This preview shows how black text looks on a background with the XYZ color 19.5179, 24.2403, 32.0839.



This preview shows how white text looks on a background with the XYZ color 19.5179, 24.2403,

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

19.5179, 24.2403, 32.0839

Protanopia

23.3145, 24.1017, 29.4099

Deuteranopia

24.4313, 23.9886, 33.0484



Tritanopia

20.0532, 24.2356, 34.6314

Trichromacy



Original Color

19.5179, 24.2403, 32.0839

Protanomaly

21.6705, 24.0728, 30.2924

Deuteranomaly

22.2752, 23.9076, 32.7188

Tritanomaly

19.7887, 24.1185, 33.7494

Monochromacy



Original Color

19.5179, 24.2403, 32.0839

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.9085, 22.4052, 26.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5179, 24.2403, 32.0839 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(89, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(89, 144, 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(89, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 144, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.5179, 24.2403, 32.0839 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(89, 144, 149) }
```


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

```
.border{ border-color:rgb(89, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(89, 144,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5179, 24.2403, 32.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 144, 149) }
```

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

```
.background{ background-color: rgb(89, 144,  
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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