

Converting Colors

XYZ(19.6510, 26.2560, 39.6295)

Have a look what the booklet for
XYZ(19.6510, 26.2560, 39.6295)
contains.

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Color

**XYZ(19.6510, 26.2560,
39.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	3599A5
RGB	53, 153, 165
RGB Percent	21%, 60%, 65%
CMY	0.7921, 0.4000, 0.3529
CMYK	0.68, 0.07, 0.00, 0.35
HSL	186°, 51%, 43%
HSV	186°, 68%, 65%
XYZ	19.6510, 26.2560, 39.6295
YIQ	124.4680, -63.4520, -17.4680

Conversions

Conversions Part 2

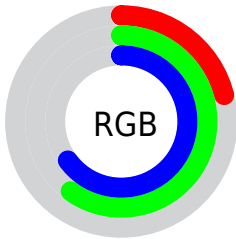
Format	Color
R_{YB}	53, 106, 165
Decimal	3512741
CIE _{Lab}	58.28, -24.51, -14.73
CIE _{LCh}	58, 28.598, 210.998
Yxy	26.2560, 0.2297, 0.3070
Android (android.graphics.Color)	4281702821 (0xFF3599A5)
YUV	124.4680, 19.9823, -62.6774
Hunter-Lab	51.2406, -21.2155, -9.9865




Details

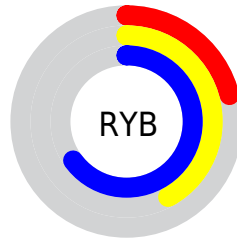
The XYZ color **19.6510, 26.2560, 39.6295** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.0507, 12.0378, 4.7412**, and the grayscale version is **19.2659, 20.2692, 22.0732**.




A 20% lighter version of the original color is **42.4136, 53.8565, 75.8701**, and **7.7320, 10.6950, 17.2796** is the 20% darker color. If you saturate the color by 10%, you get **18.6414, 25.3097, 39.5005**, and if you desaturate by 10%, it is **20.9651, 27.3667, 39.7751**.

Distribution







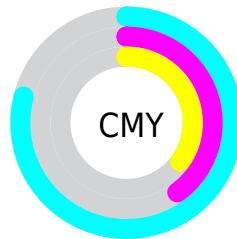
-  Red (21%)
-  Green (60%)
-  Blue (65%)






-  Red (21%)
-  Yellow (42%)
-  Blue (65%)



-  Cyan (68%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (79%)
-  Magenta (40%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6510, 26.2560, 39.6295 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 19.6510, 26.2560, 39.6295 by changing the saturation by 10% instead.

■ 19.6510, 26.2560,
39.6295

■ 19.6510, 26.2560,
39.6295

242.8892,
284.0365, 360.0650

■ 12.2484, 17.0153,
26.9382

■ 42.3397, 53.6876,
75.8299

■ 6.9865, 10.2454,
17.2948

■ 58.3565, 72.6473,
100.1761

■ 3.4999, 5.5619,
10.2807

■ 77.9754, 95.6155,
129.2443

■ 1.4233, 2.5806,
5.4774

■ 101.5618,
122.9764, 163.4531

■ 0.2727, 0.9169,
2.4664

■ 129.4810,
155.1146, 203.2211

■ 0.0000, 0.0000,
0.8223

162.0984,

■ 0.0000, 0.0000,

192.4144, 248.9667

0.0000

199.7794,
235.2603, 301.1085

■ 19.6510, 26.2560,
39.6295

■ 19.6510, 26.2560,
39.6295

■ 18.6414, 25.3097,
39.5005

■ 20.9651, 27.3667,
39.7751

■ 17.9017, 24.5084,
39.3849

■ 22.6090, 28.6533,
39.9368

■ 17.3783, 23.8248,
39.2805

■ 24.6079, 30.1293,
40.1164

■ 17.2757, 23.6848,
39.2589

■ 26.9839, 31.8062,
40.3148

■ 29.7575, 33.6945,
40.5331

■ 32.9475, 35.8040,
40.7721

■ 36.5716, 38.1437,
41.0327

■ 40.6463, 40.7223,
41.3157

■ 45.1875, 43.5480,
41.6218

Harmonies

Analogous

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



18.8486, 26.2560, 28.9232



19.6510, 26.2560, 39.6295



21.8517, 26.2560, 48.8230

Triad

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



19.6510, 26.2560, 39.6295



31.2731, 26.2560, 38.9155



24.8392, 26.2560, 13.3966

Complementary

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



19.6510, 26.2560, 39.6295



18.0507, 12.0378, 4.7412

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.



28.3402, 26.2560, 14.8965



19.6510, 26.2560, 39.6295



32.2567, 26.2560, 28.2560

Square

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



19.6510, 26.2560, 39.6295



28.5604, 26.2560, 48.3479



31.1379, 26.2560, 19.8158



21.6675, 26.2560, 15.1135

Rectangle

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



19.6510, 26.2560, 39.6295



23.9237, 26.2560, 51.9830



31.1379, 26.2560, 19.8158



26.0166, 26.2560, 13.5377

Sweetspot

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



19.6518, 26.2570, 39.6301



51.9868, 59.4647, 72.4902



15.8552, 28.0402, 9.4580



11.0717, 12.8010, 15.8248



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.



19.6518, 26.2570, 39.6301



32.7181, 44.6354, 70.6434



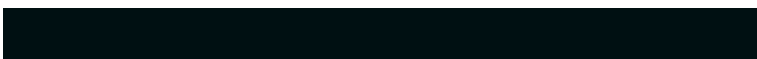
12.6096, 12.1726, 37.2827



7.2110, 7.8810, 9.0442



13.0910, 17.9613, 29.7067



0.2923, 0.4119, 0.6300

Inverse Universe

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



22.5407, 12.8463, 31.4296



38.4921, 19.8592, 53.7975



22.9010, 21.7385, 6.3580



7.3315, 7.1890, 8.7320



15.7532, 7.6573, 21.6887



0.3397, 0.1644, 0.5016

Previews

White Background



This preview shows how the XYZ color 19.6510, 26.2560, 39.6295 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 19.6510, 26.2560, 39.6295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

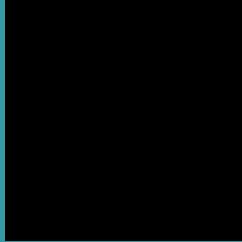
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6510, 26.2560, 39.6295

Background



This preview shows how black text looks on a background with the XYZ color 19.6510, 26.2560, 39.6295.

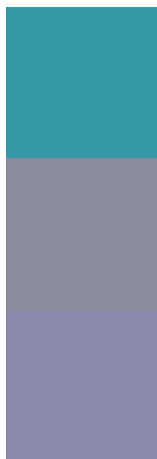


This preview shows how white text looks on a background with the XYZ color 19.6510, 26.2560,

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

19.6510, 26.2560, 39.6295

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

26.4468, 25.8762, 41.1368



Tritanopia

19.6510, 26.2560, 39.6295

Trichromacy



Original Color

19.6510, 26.2560, 39.6295

Protanomaly

22.0243, 25.2123, 36.5065

Deuteranomaly

22.8043, 25.2990, 40.7271

Tritanomaly

19.6510, 26.2560, 39.6295

Monochromacy



Original Color

19.6510, 26.2560, 39.6295

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3612, 21.7887, 27.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6510, 26.2560, 39.6295 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(53, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(53, 153, 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(53, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 19.6510, 26.2560, 39.6295 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(53, 153, 165) }
```


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

```
.border{ border-color:rgb(53, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(53, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6510, 26.2560, 39.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 153, 165) }
```

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

```
.background{ background-color: rgb(53, 153,  
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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