

Converting Colors

XYZ(26.5195, 36.3962, 39.8757)

Have a look what the booklet for
XYZ(26.5195, 36.3962, 39.8757)
contains.

XYZ(26.4602, 36.2266, 39.7802)	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(26.4602, 36.2266,
39.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB1A2
RGB	90, 177, 162
RGB Percent	35%, 69%, 64%
CMY	0.6470, 0.3059, 0.3647
CMYK	0.49, 0.00, 0.08, 0.31
HSL	170°, 36%, 52%
HSV	170°, 49%, 69%
XYZ	26.4602, 36.2266, 39.7802
YIQ	149.2770, -47.0370, -23.1090

Conversions

Conversions Part 2

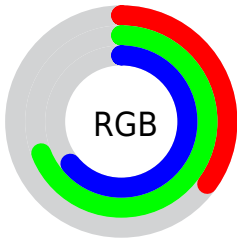
Format	Color
RYB	90, 138, 177
Decimal	5943714
CIELab	66.69, -29.96, -0.40
CIELCh	67, 29.958, 180.771
Yxy	36.2266, 0.2582, 0.3535
Android (android.graphics.Color)	4284133794 (0xFF5AB1A2)
YUV	149.2770, 6.2724, -51.9859
Hunter-Lab	60.1885, -26.8574, 2.9456

Details

The XYZ color **26.4602, 36.2266, 39.7802** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.3387, 17.6804, 15.4959**, and the grayscale version is **28.6732, 30.1664, 32.8513**.

A 20% lighter version of the original color is **53.5174, 69.3986, 76.2202**, and **10.5288, 15.8023, 17.2471** is the 20% darker color. If you saturate the color by 10%, you get **24.6715, 35.3363, 38.2980**, and if you desaturate by 10%, it is **28.6675, 37.3337, 41.3180**.

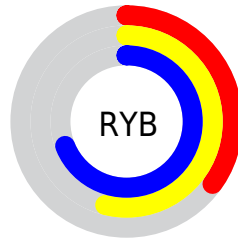
Distribution



Red (35%)

Green (69%)

Blue (64%)



Red (35%)

Yellow (54%)

Blue (69%)

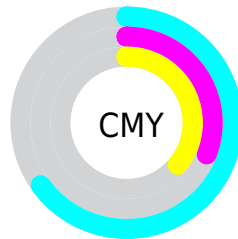


Cyan (49%)

Magenta (0%)

Yellow (8%)

Black (31%)



Cyan (65%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4602, 36.2266, 39.7802 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 26.4602, 36.2266, 39.7802 by changing the saturation by 10% instead.

■ 26.4602, 36.2266,
39.7802

■ 26.4602, 36.2266,
39.7802

277.2494,
329.9499, 360.7208

■ 17.3027, 24.6093,
27.0547

■ 53.4425, 69.3817,
76.0621

■ 10.5472, 15.7862,
17.3815

■ 71.9980, 91.6882,
100.4556

■ 5.8283, 9.3730,
10.3421

■ 94.4168, 118.3266,
129.5756

■ 2.7806, 4.9853,
5.5178

■ 121.0644,
149.6812, 163.8405

■ 1.0388, 2.2386,
2.4901

152.3061,
186.1364, 203.6690

■ 0.0000, 0.7409,
0.8349

188.5073,

■ 0.0000, 0.0000,

228.0767, 249.4795

0.0000

230.0333,
275.8864, 301.6906

■ 26.4602, 36.2266,
39.7802

■ 26.4602, 36.2266,
39.7802

■ 24.6715, 35.3363,
38.2980

■ 28.6675, 37.3337,
41.3180

■ 23.2687, 34.6434,
36.8672

■ 31.3170, 38.6671,
42.9103

■ 22.2192, 34.1318,
35.4868


■ 34.4343, 40.2408,
44.5593

■ 21.4836, 33.7813,
34.1548

■ 38.0418, 42.0665,
46.2664


■ 20.9877, 33.5536,
32.8674


■ 42.1609, 44.1551,
48.0328

 20.9486, 33.5359,
32.7598

 46.8114, 46.5169,
49.8595

 52.0122, 49.1616,
51.7478

 57.7812, 52.0985,
53.6987

 64.1355, 55.3362,
55.7131

Harmonies

Analogous

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



27.3978, 36.2266, 28.5063



26.4602, 36.2266, 39.7802



27.4983, 36.2266, 53.5822

Triad

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



26.4602, 36.2266, 39.7802



39.0678, 36.2266, 64.8980



38.8481, 36.2266, 21.4815

Complementary

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



26.4602, 36.2266, 39.7802



24.3387, 17.6804, 15.4959

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.



42.4437, 36.2266, 28.0421



26.4602, 36.2266, 39.7802



42.5782, 36.2266, 52.8744

Square

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



26.4602, 36.2266, 39.7802



34.5493, 36.2266, 69.8966



43.8636, 36.2266, 39.1109



34.3156, 36.2266, 19.4400

Rectangle

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



26.4602, 36.2266, 39.7802



29.2283, 36.2266, 62.0106



43.8636, 36.2266, 39.1109



40.2200, 36.2266, 23.1487

Sweetspot

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



26.4612, 36.2280, 39.7810



64.0784, 73.2860, 80.9796



23.5067, 35.2451, 15.2377



13.6077, 15.7411, 17.4145



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4612, 36.2280, 39.7810



43.9427, 63.1640, 68.3648



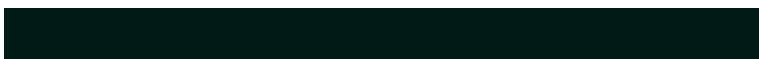
22.9722, 26.9869, 45.5948



8.6785, 9.6059, 10.5666



15.1971, 24.3048, 23.8385



0.4947, 0.7714, 0.8373

Inverse Universe

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



24.3387, 17.6804, 15.4959



39.7211, 26.0575, 19.9028



26.4037, 22.9376, 12.7094



8.5542, 8.5284, 9.1508



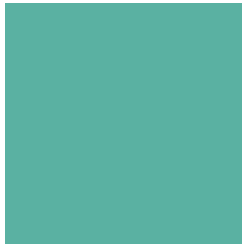
13.3276, 6.8486, 1.6193



0.4374, 0.2227, 0.1462

Previews

White Background



This preview shows how the XYZ color 26.4602, 36.2266, 39.7802 looks on a white background.

Color Contrast Check

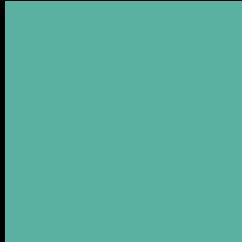
Large Text (above 18pt) WCAG AA × Fail

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 26.4602, 36.2266, 39.7802 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 ✓ Pass

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

XYZ 26.4602, 36.2266, 39.7802

Background



This preview shows how black text looks on a background with the XYZ color 26.4602, 36.2266, 39.7802.

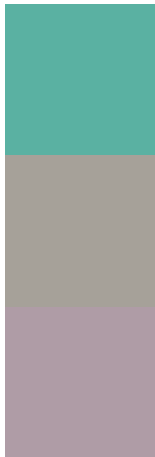


This preview shows how white text looks on a background with the XYZ color 26.4602, 36.2266,

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

26.4602, 36.2266, 39.7802

Protanopia

34.2205, 35.8966, 35.2621

Deuteranopia

36.4506, 35.6441, 41.0352



Tritanopia

28.9502, 36.0717, 52.4504

Trichromacy



Original Color

26.4602, 36.2266, 39.7802

Protanomaly

30.3007, 35.4410, 36.6963

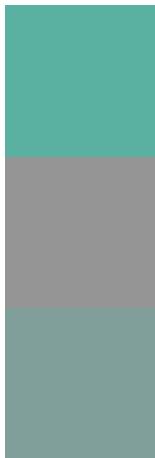
Deuteranomaly

31.5686, 35.1968, 40.7271

Tritanomaly

27.8912, 35.9194, 47.5826

Monochromacy



Original Color

26.4602, 36.2266, 39.7802

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1330, 31.7186, 35.2641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4602, 36.2266, 39.7802 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(90, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(90, 177, 162)  
}
```

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(90, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 177, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.4602, 36.2266, 39.7802 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(90, 177, 162) }
```


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

```
.border{ border-color:rgb(90, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(90, 177,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4602, 36.2266, 39.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 177, 162) }
```

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

```
.background{ background-color: rgb(90, 177,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor