

Converting Colors

XYZ(26.4985, 40.4491, 39.2700)

Have a look what the booklet for
XYZ(26.4985, 40.4491, 39.2700)
contains.

XYZ(26.5762, 40.6347, 39.2435)	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(26.5762, 40.6347,
39.2435)**

Conversions

Conversions Part 1

Format	Color
Hex	39BF9F
RGB	57, 191, 159
RGB Percent	22%, 75%, 62%
CMY	0.7764, 0.2510, 0.3765
CMYK	0.70, 0.00, 0.17, 0.25
HSL	166°, 54%, 49%
HSV	166°, 70%, 75%
XYZ	26.5762, 40.6347, 39.2435
YIQ	147.2860, -69.5920, -38.3600

Conversions

Conversions Part 2

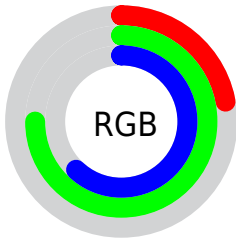
Format	Color
RYB	57, 133, 191
Decimal	3784607
CIELab	69.92, -43.39, 5.81
CIElCh	70, 43.773, 172.378
Yxy	40.6347, 0.2496, 0.3817
Android (android.graphics.Color)	4281974687 (0xFF39BF9F)
YUV	147.2860, 5.7750, -79.1808
Hunter-Lab	63.7454, -37.1356, 8.1211

Details

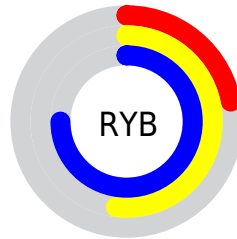
The XYZ color **26.5762, 40.6347, 39.2435** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.7536, 14.7250, 10.9904**, and the grayscale version is **27.8503, 29.3007, 31.9084**.

A 20% lighter version of the original color is **53.5902, 76.0548, 75.4739**, and **11.6524, 18.9740, 17.2356** is the 20% darker color. If you saturate the color by 10%, you get **25.2968, 40.0211, 37.1559**, and if you desaturate by 10%, it is **28.2819, 41.4684, 41.4291**.

Distribution



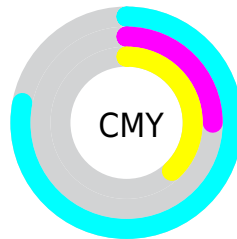
- Red (22%)
- Green (75%)
- Blue (62%)



- Red (22%)
- Yellow (52%)
- Blue (75%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)





- Cyan (78%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5762, 40.6347, 39.2435 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 26.5762, 40.6347, 39.2435 by changing the saturation by 10% instead.


 26.5762, 40.6347,
39.2435


 26.5762, 40.6347,
39.2435


277.8044,
348.7915, 358.3815


 17.3901, 28.0338,
26.6399


 53.6278, 76.1290,
75.2346


 10.6101, 18.3511,
17.0729


 72.2239, 99.7912,
99.4592

 5.8706, 11.2024,
10.1240


 94.6876, 127.9093,
128.3945

 2.8065, 6.2031,
5.3746

 121.3840,
160.8676, 162.4592

 1.0523, 2.9690,
2.4061

 152.6785,
199.0506, 202.0716

 0.0000, 1.1156,
0.7898

188.9365,

 0.0000, 0.0000,

242.8427, 247.6505

0.0000

230.5233,
292.6282, 299.6143

■ 26.5762, 40.6347,
39.2435

■ 26.5762, 40.6347,
39.2435

■ 25.2968, 40.0211,
37.1559

■ 28.2819, 41.4684,
41.4291

■ 24.3915, 39.5976,
35.1604

■ 30.4518, 42.5388,
43.7126

■ 23.7723, 39.3193,
33.2814

■ 33.1234, 43.8660,
46.0975

■ 36.3294, 45.4670,
48.5859

■ 40.0995, 47.3570,
51.1802

■ 44.4613, 49.5503,
53.8823

■ 49.4406, 52.0602,
56.6943

■ 55.0617, 54.8991,
59.6178

■ 61.3474, 58.0788,
62.6548

Harmonies

Analogous

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



28.7586, 40.6347, 24.3609



26.5762, 40.6347, 39.2435



27.2921, 40.6347, 60.9195

Triad

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



26.5762, 40.6347, 39.2435



44.0742, 40.6347, 91.3242



47.5998, 40.6347, 19.8822

Complementary

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



26.5762, 40.6347, 39.2435



24.7536, 14.7250, 10.9904

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.



52.7202, 40.6347, 30.9288



26.5762, 40.6347, 39.2435



50.5165, 40.6347, 72.7652

Square

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



26.5762, 40.6347, 39.2435



36.8340, 40.6347, 95.6164



53.8484, 40.6347, 49.6528



40.4671, 40.6347, 15.6435

Rectangle

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



26.5762, 40.6347, 39.2435



29.3630, 40.6347, 76.2952



53.8484, 40.6347, 49.6528



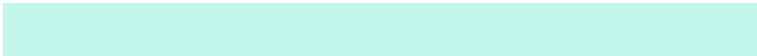
49.6477, 40.6347, 22.7238

Sweetspot

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



26.5773, 40.6363, 39.2445



70.9662, 84.3871, 91.1034



23.6359, 39.7575, 10.2999



15.1537, 18.3150, 19.7175



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.5773, 40.6363, 39.2445



44.3884, 71.2432, 64.6741



23.2344, 28.9166, 53.6489



9.7085, 10.7695, 11.7144



15.6549, 25.8522, 22.0432



0.6372, 1.0222, 0.9898

Inverse Universe

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



24.7536, 14.7250, 10.9904



41.0374, 22.0516, 11.5881



25.9243, 18.7701, 6.1283



9.6211, 9.5727, 10.3936



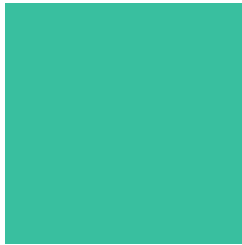
14.4662, 7.4176, 2.4826



0.5931, 0.3011, 0.2367

Previews

White Background



This preview shows how the XYZ color 26.5762, 40.6347, 39.2435 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 26.5762, 40.6347, 39.2435 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

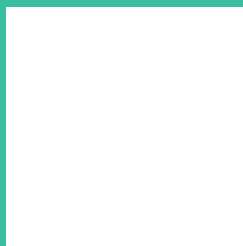
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5762, 40.6347, 39.2435

Background



This preview shows how black text looks on a background with the XYZ color 26.5762, 40.6347, 39.2435.

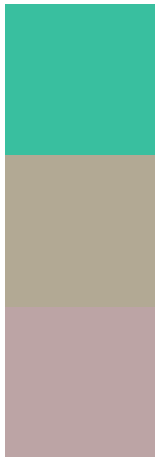


This preview shows how white text looks on a background with the XYZ color 26.5762, 40.6347,

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

26.5762, 40.6347, 39.2435

Protanopia

37.8934, 39.9790, 33.7365

Deuteranopia

40.8060, 39.9589, 41.1594



Tritanopia

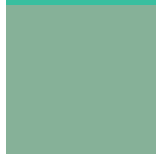
30.8349, 40.4458, 60.8252

Trichromacy



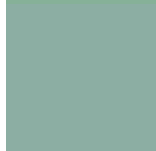
Original Color

26.5762, 40.6347, 39.2435



Protanomaly

31.2212, 38.7796, 35.5454



Deuteranomaly

32.5621, 38.4919, 40.3638



Tritanomaly

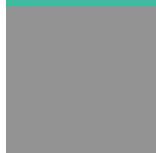
29.0531, 40.3455, 52.1551

Monochromacy



Original Color

26.5762, 40.6347, 39.2435



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.6225, 32.0062, 34.1055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5762, 40.6347, 39.2435 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(57, 191, 159)` looks like.

```
.text, #text, p{  
    color:rgb(57, 191, 159)  
}
```

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(57, 191, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 191, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.5762, 40.6347, 39.2435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

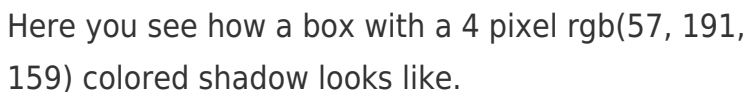
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 191, 159) }
```


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

```
.border{ border-color:rgb(57, 191, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 191, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 191, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 191, 159); box-shadow:4px 4px 4px 4px rgb(57, 191, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5762, 40.6347, 39.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 191, 159) }
```

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

```
.background{ background-color: rgb(57, 191,  
159) }
```

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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