

Converting Colors

XYZ(26.6655, 38.4718, 37.1889)

Have a look what the booklet for
XYZ(26.6655, 38.4718, 37.1889)
contains.

XYZ(26.6242, 38.4865, 37.0358)	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(26.6242, 38.4865,
37.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	53B89B
RGB	83, 184, 155
RGB Percent	33%, 72%, 61%
CMY	0.6745, 0.2784, 0.3922
CMYK	0.55, 0.00, 0.16, 0.28
HSL	163°, 42%, 52%
HSV	163°, 55%, 72%
XYZ	26.6242, 38.4865, 37.0358
YIQ	150.4950, -50.8870, -30.4310

Conversions

Conversions Part 2

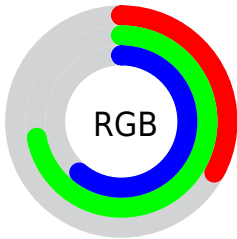
Format	Color
R_{YB}	83, 142, 184
Decimal	5486747
CIE _{Lab}	68.38, -36.54, 5.87
CIE _{LCh}	68, 37.013, 170.877
Yxy	38.4865, 0.2606, 0.3768
Android (android.graphics.Color)	4283676827 (0xFF53B89B)
YUV	150.4950, 2.2210, -59.1931
Hunter-Lab	62.0375, -31.9600, 8.0307

Details

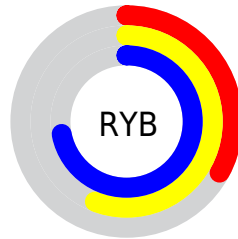
The XYZ color **26.6242, 38.4865, 37.0358** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.7864, 17.5478, 17.3588**, and the grayscale version is **29.2072, 30.7282, 33.4630**.

A 20% lighter version of the original color is **53.7791, 73.0895, 71.5948**, and **10.6065, 17.0293, 15.8247** is the 20% darker color. If you saturate the color by 10%, you get **24.7773, 37.5855, 34.6841**, and if you desaturate by 10%, it is **28.9235, 39.6204, 39.5117**.

Distribution



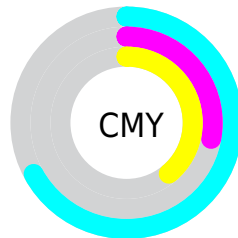
- Red (33%)
- Green (72%)
- Blue (61%)



- Red (33%)
- Yellow (56%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)





- Cyan (67%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6242, 38.4865, 37.0358 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 26.6242, 38.4865, 37.0358 by changing the saturation by 10% instead.


 26.6242, 38.4865,
37.0358


 26.6242, 38.4865,
37.0358


278.0338,
339.7023, 348.6388


 17.4263, 26.3605,
24.9392


 53.7044, 72.8532,
71.8148


 10.6361, 17.0935,
15.8132


 72.3174, 95.8627,
95.3343

 5.8882, 10.3012,
9.2391


 94.7995, 123.2688,
123.4984

 2.8172, 5.5991,
4.7985

 121.5161,
155.4559, 156.7259

 1.0579, 2.6029,
2.0729

152.8324,
192.8084, 195.4351

 0.0000, 0.9281,
0.5996

189.1139,

 0.0000, 0.0000,

235.7107, 240.0446

0.0000

230.7259,
284.5472, 290.9730

■ 26.6242, 38.4865,
37.0358

■ 26.6242, 38.4865,
37.0358

■ 24.7773, 37.5855,
34.6841

■ 28.9235, 39.6204,
39.5117

■ 23.3443, 36.8947,
32.4510

■ 31.7032, 40.9987,
42.1119

■ 22.2859, 36.3948,
30.3343

■ 34.9929, 42.6376,
44.8399

■ 21.5526, 36.0604,
28.3302

■ 38.8187, 44.5506,
47.6980

■ 21.2492, 35.9255,
27.3466

■ 43.2051, 46.7503,
50.6886

■ 48.1749, 49.2482,
53.8139

■ 53.7495, 52.0556,
57.0762

■ 59.9495, 55.1830,
60.4774

■ 66.7943, 58.6403,
64.0197

Harmonies

Analogous

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



28.5821, 38.4865, 24.7898



26.6242, 38.4865, 37.0358



27.1061, 38.4865, 54.3683

Triad

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



26.6242, 38.4865, 37.0358



40.7063, 38.4865, 79.4575



44.0895, 38.4865, 21.6670

Complementary

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



26.6242, 38.4865, 37.0358



25.7864, 17.5478, 17.3588

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.



48.0390, 38.4865, 31.5091



26.6242, 38.4865, 37.0358



45.9466, 38.4865, 65.5007

Square

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



26.6242, 38.4865, 37.0358



34.8379, 38.4865, 82.0831



48.7523, 38.4865, 47.1839



38.3797, 38.4865, 17.5937

Rectangle

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



26.6242, 38.4865, 37.0358



28.7689, 38.4865, 66.5162



48.7523, 38.4865, 47.1839



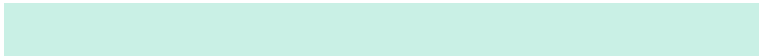
45.6912, 38.4865, 24.2649

Sweetspot

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



26.6253, 38.4880, 37.0367



69.3521, 80.2492, 85.7345



25.5518, 38.4377, 14.2569



14.6348, 17.1419, 18.2522



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.6253, 38.4880, 37.0367



44.2763, 67.8224, 61.9573



25.4599, 31.7805, 50.1414



9.1538, 10.1655, 10.9670



14.6760, 24.7713, 19.0135



0.5427, 0.8834, 0.8035

Inverse Universe

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



25.7864, 17.5478, 17.3588



42.6389, 25.9623, 22.8169



26.1999, 20.5564, 10.7713



9.1078, 9.0535, 9.9152



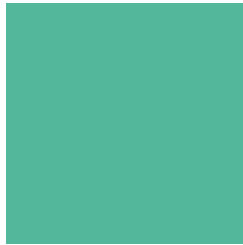
14.0906, 7.2100, 3.0980



0.5244, 0.2652, 0.2548

Previews

White Background



This preview shows how the XYZ color 26.6242, 38.4865, 37.0358 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 26.6242, 38.4865, 37.0358 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 26.6242, 38.4865, 37.0358

Background



This preview shows how black text looks on a background with the XYZ color 26.6242, 38.4865, 37.0358.

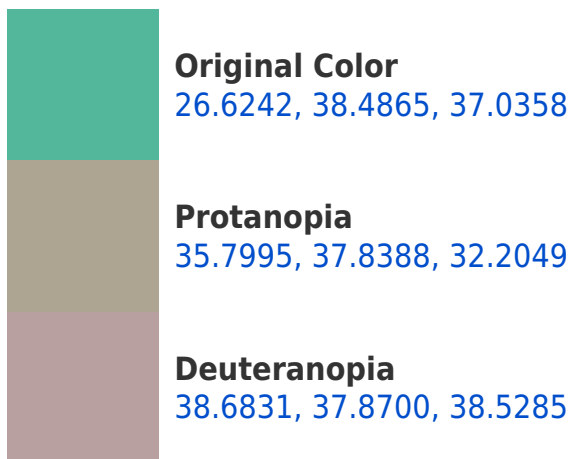


This preview shows how white text looks on a background with the XYZ color 26.6242, 38.4865,

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





Tritanopia

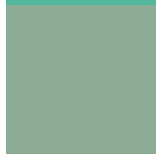
30.4651, 38.5234, 56.2821

Trichromacy



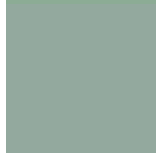
Original Color

26.6242, 38.4865, 37.0358



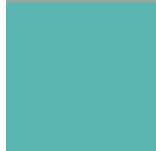
Protanomaly

30.9926, 37.2504, 33.9903



Deuteranomaly

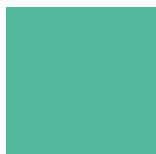
32.3921, 37.0476, 37.7914



Tritanomaly

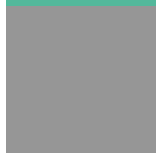
28.9749, 38.5266, 48.5571

Monochromacy



Original Color

26.6242, 38.4865, 37.0358



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

27.1920, 32.5433, 34.5541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6242, 38.4865, 37.0358 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(83, 184, 155)` looks like.

```
.text, #text, p{  
  color:rgb(83, 184, 155)  
}
```

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(83, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 184, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.6242, 38.4865, 37.0358 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(83, 184, 155) }
```


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

```
.border{ border-color:rgb(83, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(83, 184,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6242, 38.4865, 37.0358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 184, 155) }
```

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

```
.background{ background-color: rgb(83, 184,  
155) }
```

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