

Converting Colors

XYZ(26.4642, 38.3342, 22.7560)

Have a look what the booklet for
XYZ(26.4642, 38.3342, 22.7560)
contains.

XYZ(26.5748, 38.4663, 22.8537)	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(26.5748, 38.4663,
22.8537)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB775
RGB	110, 183, 117
RGB Percent	43%, 72%, 46%
CMY	0.5686, 0.2823, 0.5412
CMYK	0.40, 0.00, 0.36, 0.28
HSL	126°, 34%, 57%
HSV	126°, 40%, 72%
XYZ	26.5748, 38.4663, 22.8537
YIQ	153.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

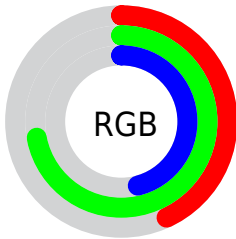
Format	Color
RYB	110, 177, 183
Decimal	7255925
CIELab	68.36, -36.68, 26.60
CIElCh	68, 45.310, 144.058
Yxy	38.4663, 0.3023, 0.4376
Android (android.graphics.Color)	4285446005 (0xFF6EB775)
YUV	153.6490, -18.0680, -38.2802
Hunter-Lab	62.0212, -32.0536, 21.5675

Details

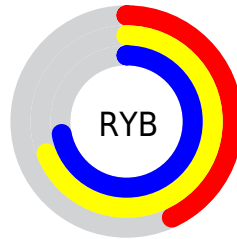
The XYZ color **26.5748, 38.4663, 22.8537** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.9421, 24.3546, 44.0405**, and the grayscale version is **30.6458, 32.2418, 35.1113**.

A 20% lighter version of the original color is **53.4320, 72.5278, 49.2133**, and **10.5810, 16.9877, 8.1901** is the 20% darker color. If you saturate the color by 10%, you get **23.6404, 37.0573, 18.0795**, and if you desaturate by 10%, it is **30.1533, 40.1897, 28.5572**.

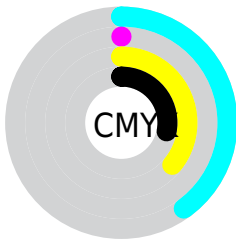
Distribution



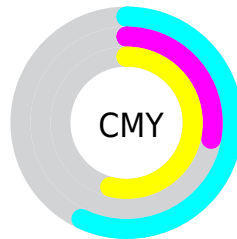
- Red (43%)
- Green (72%)
- Blue (46%)



- Red (43%)
- Yellow (69%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)




- Cyan (57%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5748, 38.4663, 22.8537 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 26.5748, 38.4663, 22.8537 by changing the saturation by 10% instead.


 26.5748, 38.4663,
22.8537


 26.5748, 38.4663,
22.8537


277.7977,
339.6161, 280.0702


 17.3891, 26.3448,
14.2812


 53.6255, 72.8223,
49.0731


 10.6093, 17.0818,
8.1755


 72.2212, 95.8256,
67.5572

 5.8701, 10.2928,
4.1181


 94.6843, 123.2249,
90.1822

 2.8062, 5.5935,
1.6904

 121.3801,
155.4047, 117.3667

 1.0521, 2.5995,
0.3541

152.6740,
192.7493, 149.5292

 0.0000, 0.9264,
0.0000

188.9313,

 0.0000, 0.0000,

235.6431, 187.0882

0.0000

230.5174,
284.4706, 230.4624

■ 26.5748, 38.4663,
22.8537

■ 26.5748, 38.4663,
22.8537

■ 23.6404, 37.0573,
18.0795

■ 30.1533, 40.1897,
28.5572

■ 21.3091, 35.9393,
14.1831

■ 34.4081, 42.2397,
35.2329

■ 19.5394, 35.0931,
11.1117


■ 39.3726, 44.6340,
42.9242


■ 18.2836, 34.4955,
8.8059


■ 45.0773, 47.3871,
51.6708


■ 17.4858, 34.1190,
7.1983


■ 51.5508, 50.5133,
61.5107


 17.0437, 33.9125,
6.2082

 58.8202, 54.0255,
72.4798

 17.0397, 33.9106,
6.2004

 66.9112, 57.9365,
84.6123

 75.3302, 61.9908,
97.9167

 76.2242, 62.3484,
102.6247

Harmonies

Analogous

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



31.2677, 38.4663, 15.3449



26.5748, 38.4663, 22.8537



24.5827, 38.4663, 37.9609

Triad

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



26.5748, 38.4663, 22.8537



35.1645, 38.4663, 94.1220



50.5145, 38.4663, 27.8673

Complementary

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



26.5748, 38.4663, 22.8537



32.9421, 24.3546, 44.0405

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.



51.9089, 38.4663, 46.0669



26.5748, 38.4663, 22.8537



42.4205, 38.4663, 88.7545

Square

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



26.5748, 38.4663, 22.8537



29.1115, 38.4663, 82.2365



48.7798, 38.4663, 69.3142



45.1840, 38.4663, 17.5142

Rectangle

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



26.5748, 38.4663, 22.8537



24.8414, 38.4663, 52.1287



48.7798, 38.4663, 69.3142



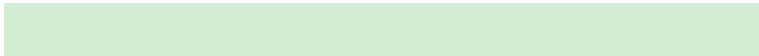
51.4857, 38.4663, 33.0767

Sweetspot

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



26.5758, 38.4679, 22.8546



68.3458, 78.8900, 73.5302



37.8620, 44.3320, 21.3136



14.8335, 17.2980, 15.8356



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.



26.5758, 38.4679, 22.8546



42.8610, 66.6175, 33.2393



29.0804, 39.4698, 36.0437



8.9244, 10.0737, 9.7593



11.8987, 23.6604, 4.3886



0.4312, 0.8388, 0.2164

Inverse Universe

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



32.9421, 24.3546, 44.0405



55.8573, 37.7792, 76.4681



29.8699, 23.1257, 27.8626



9.3428, 9.1475, 11.1526



18.4039, 8.9353, 25.8113



0.6596, 0.3193, 0.9671

Previews

White Background



This preview shows how the XYZ color 26.5748, 38.4663, 22.8537 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 26.5748, 38.4663, 22.8537 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 26.5748, 38.4663, 22.8537

Background



This preview shows how black text looks on a background with the XYZ color 26.5748, 38.4663, 22.8537.



This preview shows how white text looks on a background with the XYZ color 26.5748, 38.4663,

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

26.5748, 38.4663, 22.8537

Protanopia

35.2731, 38.1015, 20.2471

Deuteranopia

38.6759, 37.9372, 23.6965



Tritanopia

32.5253, 38.1880, 53.2337

Trichromacy



Original Color

26.5748, 38.4663, 22.8537



Protanomaly

31.2507, 37.6659, 21.2459



Deuteranomaly

32.9098, 37.3607, 23.2461



Tritanomaly

29.8515, 37.9749, 39.9390

Monochromacy



Original Color

26.5748, 38.4663, 22.8537



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.7441, 34.2366, 30.2927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5748, 38.4663, 22.8537 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(110, 183, 117)` looks like.

```
.text, #text, p{  
    color:rgb(110, 183, 117)  
}
```

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(110, 183, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 183, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.5748, 38.4663, 22.8537 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(110, 183, 117) }
```


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

```
.border{ border-color:rgb(110, 183, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 183, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 183, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 183, 117);  
box-shadow:4px 4px 4px 4px rgb(110, 183,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5748, 38.4663, 22.8537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 183, 117) }
```

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

```
.background{ background-color: rgb(110,  
183, 117) }
```

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