

Converting Colors

XYZ(26.0816, 37.7772, 30.8651)

Have a look what the booklet for
XYZ(26.0816, 37.7772, 30.8651)
contains.

XYZ(25.9758, 37.6765, 30.7142)	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(25.9758, 37.6765,
30.7142)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB68C
RGB	93, 182, 140
RGB Percent	36%, 71%, 55%
CMY	0.6353, 0.2863, 0.4510
CMYK	0.49, 0.00, 0.23, 0.29
HSL	152°, 38%, 54%
HSV	152°, 49%, 71%
XYZ	25.9758, 37.6765, 30.7142
YIQ	150.6010, -39.5620, -31.9300

Conversions

Conversions Part 2

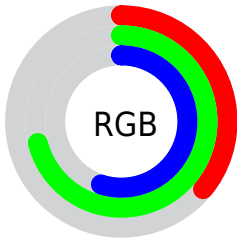
Format	Color
RYB	93, 151, 182
Decimal	6141580
CIELab	67.78, -36.65, 13.28
CIELCh	68, 38.986, 160.078
Yxy	37.6765, 0.2753, 0.3993
Android (android.graphics.Color)	4284331660 (0xFF5DB68C)
YUV	150.6010, -5.2263, -50.5161
Hunter-Lab	61.3812, -31.8780, 13.2990

Details

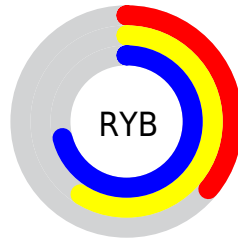
The XYZ color **25.9758, 37.6765, 30.7142** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.5802, 19.5240, 25.2380**, and the grayscale version is **29.2795, 30.8043, 33.5459**.

A 20% lighter version of the original color is **52.5249, 71.3400, 62.0406**, and **10.2578, 16.5339, 12.3236** is the 20% darker color. If you saturate the color by 10%, you get **23.7396, 36.5950, 27.4320**, and if you desaturate by 10%, it is **28.7019, 39.0068, 34.2791**.

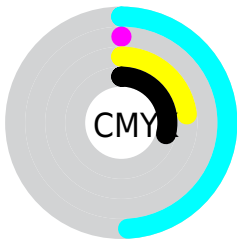
Distribution



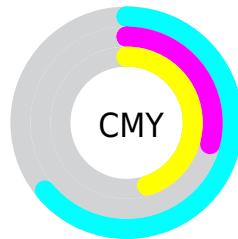
- Red (36%)
- Green (71%)
- Blue (55%)



- Red (36%)
- Yellow (59%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (64%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9758, 37.6765, 30.7142 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 25.9758, 37.6765, 30.7142 by changing the saturation by 10% instead.


 25.9758, 37.6765,
30.7142


 25.9758, 37.6765,
30.7142


274.9221,
336.2302, 319.5298


 16.9381, 25.7317,
20.1247


 52.6675, 71.6120,
61.8641


 10.2854, 16.6230,
12.3007


 71.0522, 94.3716,
83.2616

 5.6523, 9.9661,
6.8238


 93.2833, 121.5048,
109.0988

 2.6735, 5.3765,
3.2754

 119.7262,
153.3961, 139.7943

 0.9835, 2.4698,
1.2369

150.7461,
190.4299, 175.7666

 0.0000, 0.8615,
0.0092

186.7085,

 0.0000, 0.0000,

232.9906, 217.4343

0.0000

227.9787,
281.4626, 265.2158

■ 25.9758, 37.6765,
30.7142

■ 25.9758, 37.6765,
30.7142

■ 23.7396, 36.5950,
27.4320

■ 28.7019, 39.0068,
34.2791

■ 21.9574, 35.7411,
24.4224

■ 31.9444, 40.5965,
38.1312

■ 20.5934, 35.0972,
21.6786


■ 35.7315, 42.4609,
42.2780


■ 19.6043, 34.6413,
19.1923


■ 40.0884, 44.6130,
46.7261


■ 18.9139, 34.3343,
16.9532


■ 45.0385, 47.0648,
51.4817

 18.8451, 34.3038,
16.7214

 50.6042, 49.8276,
56.5510

 56.8065, 52.9121,
61.9397

 63.6654, 56.3286,
67.6537

 70.5326, 59.7428,
73.6673

Harmonies

Analogous

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



28.8503, 37.6765, 20.4951



25.9758, 37.6765, 30.7142



25.5621, 37.6765, 47.1143

Triad

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



25.9758, 37.6765, 30.7142



37.8784, 37.6765, 83.1862



45.4380, 37.6765, 23.1390

Complementary

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



25.9758, 37.6765, 30.7142



27.5802, 19.5240, 25.2380

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.



48.4861, 37.6765, 35.4813



25.9758, 37.6765, 30.7142



43.8084, 37.6765, 72.0489

Square

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



25.9758, 37.6765, 30.7142



32.0020, 37.6765, 80.8450



47.8584, 37.6765, 53.4141



39.9095, 37.6765, 17.0491

Rectangle

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



25.9758, 37.6765, 30.7142



26.6826, 37.6765, 60.0233



47.8584, 37.6765, 53.4141



46.8134, 37.6765, 26.5267

Sweetspot

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



25.9768, 37.6780, 30.7151



67.5369, 78.3395, 79.5236



28.8610, 39.4835, 16.4564



14.5619, 17.1276, 17.1961



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.



25.9768, 37.6780, 30.7151



42.6442, 66.1542, 49.1091



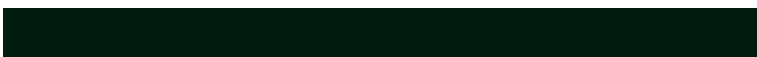
29.3847, 38.5577, 50.1514



9.0832, 10.1372, 10.5953



13.3415, 24.2375, 11.9862



0.5013, 0.8668, 0.5859

Inverse Universe

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



27.5802, 19.5240, 25.2380



45.9057, 29.2763, 38.0051



25.3141, 18.8279, 12.6564



9.1763, 9.0809, 10.2757



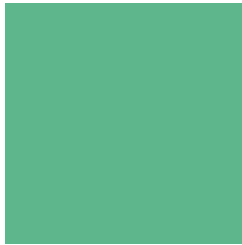
14.8395, 7.5096, 7.0418



0.5544, 0.2773, 0.4131

Previews

White Background



This preview shows how the XYZ color 25.9758, 37.6765, 30.7142 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 25.9758, 37.6765, 30.7142 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 25.9758, 37.6765, 30.7142

Background



This preview shows how black text looks on a background with the XYZ color 25.9758, 37.6765, 30.7142.



This preview shows how white text looks on a background with the XYZ color 25.9758, 37.6765,

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

25.9758, 37.6765, 30.7142

Protanopia

34.8278, 37.1883, 26.8152

Deuteranopia

37.8312, 37.0628, 31.9480



Tritanopia

30.5681, 37.4418, 54.3311

Trichromacy



Original Color

25.9758, 37.6765, 30.7142



Protanomaly

30.5430, 36.8668, 28.0605



Deuteranomaly

31.9135, 36.3929, 31.3291



Tritanomaly

28.7336, 37.5860, 44.7701

Monochromacy



Original Color

25.9758, 37.6765, 30.7142



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.3927, 32.6931, 32.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9758, 37.6765, 30.7142 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(93, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 182, 140)  
}
```

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(93, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 182, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.9758, 37.6765, 30.7142 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(93, 182, 140) }
```


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

```
.border{ border-color:rgb(93, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 182,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9758, 37.6765, 30.7142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 182, 140) }
```

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

```
.background{ background-color: rgb(93, 182,  
140) }
```

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