

Converting Colors

XYZ(26.4030, 37.7690, 28.4501)

Have a look what the booklet for
XYZ(26.4030, 37.7690, 28.4501)
contains.

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Color

**XYZ(26.3064, 37.5938,
28.4241)**

Conversions

Conversions Part 1

Format	Color
Hex	66B586
RGB	102, 181, 134
RGB Percent	40%, 71%, 53%
CMY	0.6000, 0.2902, 0.4745
CMYK	0.44, 0.00, 0.26, 0.29
HSL	144°, 35%, 55%
HSV	144°, 44%, 71%
XYZ	26.3064, 37.5938, 28.4241
YIQ	152.0210, -31.9970, -31.3650

Conversions

Conversions Part 2

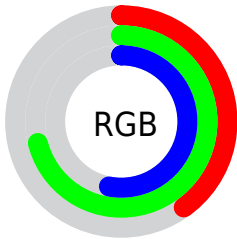
Format	Color
RYB	102, 158, 181
Decimal	6731142
CIELab	67.72, -35.02, 16.52
CIElCh	68, 38.720, 154.740
Yxy	37.5938, 0.2849, 0.4072
Android (android.graphics.Color)	4284921222 (0xFF66B586)
YUV	152.0210, -8.8844, -43.8684
Hunter-Lab	61.3138, -30.7145, 15.4337

Details

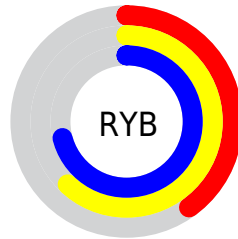
The XYZ color **26.3064, 37.5938, 28.4241** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.2334, 21.4971, 31.0436**, and the grayscale version is **29.9019, 31.4591, 34.2590**.

A 20% lighter version of the original color is **53.1585, 71.3243, 57.9789**, and **10.5383, 16.7068, 11.0568** is the 20% darker color. If you saturate the color by 10%, you get **23.7616, 36.3654, 24.5823**, and if you desaturate by 10%, it is **29.3775, 39.0868, 32.6915**.

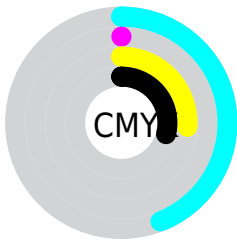
Distribution



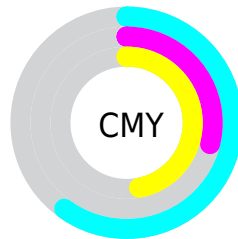
- Red (40%)
- Green (71%)
- Blue (53%)



- Red (40%)
- Yellow (62%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)





- Cyan (60%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3064, 37.5938, 28.4241 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 26.3064, 37.5938, 28.4241 by changing the saturation by 10% instead.


 26.3064, 37.5938,
28.4241


 26.3064, 37.5938,
28.4241


276.5121,
335.8743, 308.4634


 17.1869, 25.6676,
18.4038


 53.1966, 71.4851,
58.1921


 10.4640, 16.5751,
11.0678


 71.6980, 94.2190,
78.7768

 5.7723, 9.9320,
5.9977


 94.0575, 121.3242,
103.7200

 2.7464, 5.3539,
2.7749

 120.6402,
153.1852, 133.4404

 1.0211, 2.4564,
0.9809

151.8117,
190.1863, 168.3563

 0.0000, 0.8547,
0.0000

187.9373,

 0.0000, 0.0000,

232.7119, 208.8865

0.0000

229.3823,
281.1464, 255.4493

■ 26.3064, 37.5938,
28.4241

■ 26.3064, 37.5938,
28.4241

■ 23.7616, 36.3654,
24.5823

■ 29.3775, 39.0868,
32.6915

■ 21.7085, 35.3808,
21.1502

■ 33.0010, 40.8544,
37.3946

■ 20.1126, 34.6236,
18.1144


■ 37.2046, 42.9118,
42.5464


■ 18.9336, 34.0733,
15.4600


■ 42.0134, 45.2716,
48.1588


■ 18.1232, 33.7054,
13.1707


■ 47.4507, 47.9456,
54.2428

 17.7378, 33.5345,
11.8965

 53.5390, 50.9452,
60.8095

 60.2992, 54.2809,
67.8692

 67.7515, 57.9630,
75.4320

 72.1771, 60.0742,
83.3330

Harmonies

Analogous

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



29.5700, 37.5938, 19.3927



26.3064, 37.5938, 28.4241



25.4512, 37.5938, 43.7159

Triad

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



26.3064, 37.5938, 28.4241



36.6906, 37.5938, 83.3194



46.0414, 37.5938, 24.8851

Complementary

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



26.3064, 37.5938, 28.4241



29.2334, 21.4971, 31.0436

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.



48.4638, 37.5938, 38.2712



26.3064, 37.5938, 28.4241



42.6951, 37.5938, 74.4077

Square

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



26.3064, 37.5938, 28.4241



31.0448, 37.5938, 78.5359



47.1760, 37.5938, 56.6606



40.8682, 37.5938, 17.7851

Rectangle

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



26.3064, 37.5938, 28.4241



26.2704, 37.5938, 56.3244



47.1760, 37.5938, 56.6606



47.2292, 37.5938, 28.6373

Sweetspot

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



26.3074, 37.5953, 28.4250



66.9774, 77.0211, 76.6114



31.3909, 40.4361, 18.7211



14.0994, 16.4624, 16.1067



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3074, 37.5953, 28.4250



42.8772, 65.2820, 44.5335



29.5570, 38.8952, 45.5373



8.5269, 9.5452, 9.7682



12.2600, 23.1300, 8.3721



0.4150, 0.7395, 0.4175

Inverse Universe

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



29.2334, 21.4971, 31.0436



48.7671, 32.8278, 49.7681



26.6175, 20.4508, 17.2681



8.7014, 8.5873, 9.9261



15.0263, 7.5281, 10.5645



0.5008, 0.2481, 0.4798

Previews

White Background



This preview shows how the XYZ color 26.3064, 37.5938, 28.4241 looks on a white background.

Color Contrast Check

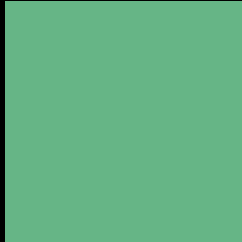
Large Text (above 18pt) WCAG AA × Fail

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 26.3064, 37.5938, 28.4241 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 26.3064, 37.5938, 28.4241

Background



This preview shows how black text looks on a background with the XYZ color 26.3064, 37.5938, 28.4241.



This preview shows how white text looks on a background with the XYZ color 26.3064, 37.5938,

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

26.3064, 37.5938, 28.4241

Protanopia

34.7206, 37.1712, 25.0835

Deuteranopia

37.8733, 37.1366, 29.5980



Tritanopia

31.2834, 37.5478, 53.1756

Trichromacy



Original Color

26.3064, 37.5938, 28.4241



Protanomaly

30.5499, 36.6303, 26.2291



Deuteranomaly

32.0562, 36.2467, 28.9737



Tritanomaly

29.2204, 37.5864, 42.7606

Monochromacy



Original Color

26.3064, 37.5938, 28.4241



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.0395, 33.3071, 31.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3064, 37.5938, 28.4241 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(102, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(102, 181, 134)  
}
```

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(102, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 181, 134) }
```

Border

The CSS property to change the border of an element to XYZ 26.3064, 37.5938, 28.4241 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(102, 181, 134) }
```


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

```
.border{ border-color:rgb(102, 181, 134) }
```

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

Here you see how a box with a 4 pixel rgb(102, 181, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 181, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 181, 134);  
box-shadow:4px 4px 4px 4px rgb(102, 181,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3064, 37.5938, 28.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 181, 134) }
```

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

```
.background{ background-color: rgb(102,  
181, 134) }
```

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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