

Converting Colors

XYZ(26.5209, 37.7960, 28.3574)

Have a look what the booklet for
XYZ(26.5209, 37.7960, 28.3574)
contains.

XYZ(26.5359, 37.7120, 28.4348)	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(26.5359, 37.7120,
28.4348)**

Conversions

Conversions Part 1

Format	Color
Hex	68B586
RGB	104, 181, 134
RGB Percent	41%, 71%, 53%
CMY	0.5921, 0.2902, 0.4745
CMYK	0.43, 0.00, 0.26, 0.29
HSL	143°, 34%, 56%
HSV	143°, 43%, 71%
XYZ	26.5359, 37.7120, 28.4348
YIQ	152.6190, -30.8050, -30.9410

Conversions

Conversions Part 2

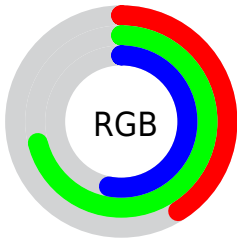
Format	Color
RYB	104, 159, 181
Decimal	6862214
CIELab	67.81, -34.45, 16.66
CIELCh	68, 38.267, 154.195
Yxy	37.7120, 0.2863, 0.4069
Android (android.graphics.Color)	4285052294 (0xFF68B586)
YUV	152.6190, -9.1792, -42.6389
Hunter-Lab	61.4101, -30.3361, 15.5339

Details

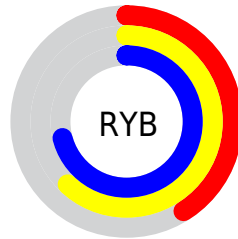
The XYZ color **26.5359, 37.7120, 28.4348** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.5936, 21.9597, 31.9587**, and the grayscale version is **30.1617, 31.7325, 34.5567**.

A 20% lighter version of the original color is **53.3544, 71.4253, 57.9881**, and **10.6348, 16.7565, 11.0613** is the 20% darker color. If you saturate the color by 10%, you get **23.9255, 36.4518, 24.4984**, and if you desaturate by 10%, it is **29.6798, 39.2400, 32.8181**.

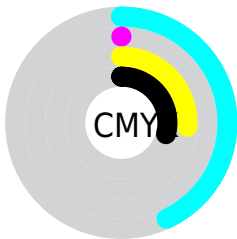
Distribution



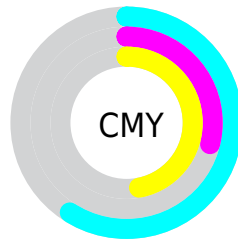
- Red (41%)
- Green (71%)
- Blue (53%)



- Red (41%)
- Yellow (62%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)





- Cyan (59%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5359, 37.7120, 28.4348 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 26.5359, 37.7120, 28.4348 by changing the saturation by 10% instead.


 26.5359, 37.7120,
28.4348


 26.5359, 37.7120,
28.4348


277.6117,
336.3829, 308.5158


 17.3598, 25.7592,
18.4118


 53.5634, 71.6665,
58.2093


 10.5882, 16.6436,
11.0735


 72.1455, 94.4370,
78.7979

 5.8559, 9.9807,
6.0015


 94.5935, 121.5823,
103.7454

 2.7975, 5.3862,
2.7772

 121.2730,
153.4866, 133.4704

 1.0476, 2.4756,
0.9820

152.5492,
190.5344, 168.3914

 0.0000, 0.8644,
0.0000

188.7874,

 0.0000, 0.0000,

233.1102, 208.9269

0.0000

230.3532,
281.5982, 255.4955

■ 26.5359, 37.7120,
28.4348

■ 26.5359, 37.7120,
28.4348

■ 23.9255, 36.4518,
24.4984

■ 29.6798, 39.2400,
32.8181

■ 21.8139, 35.4386,
20.9920

■ 33.3831, 41.0458,
37.6594

■ 20.1672, 34.6564,
17.9014


■ 37.6735, 43.1444,
42.9726


■ 18.9452, 34.0847,
15.2105


■ 42.5759, 45.5485,
48.7702


■ 18.1005, 33.6995,
12.9019


■ 48.1140, 48.2699,
55.0643

 17.6465, 33.4979,
11.4162

 54.3100, 51.3199,
61.8663

 61.1849, 54.7091,
69.1875

 68.7590, 58.4478,
77.0388

 72.5352, 60.2173,
85.2193

Harmonies

Analogous

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



29.8158, 37.7120, 19.5574



26.5359, 37.7120, 28.4348



25.6415, 37.7120, 43.4946

Triad

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



26.5359, 37.7120, 28.4348



36.6838, 37.7120, 82.9478



46.1158, 37.7120, 25.3210

Complementary

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



26.5359, 37.7120, 28.4348



29.5936, 21.9597, 31.9587

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.



48.4472, 37.7120, 38.7217



26.5359, 37.7120, 28.4348



42.6347, 37.7120, 74.3881

Square

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



26.5359, 37.7120, 28.4348



31.1105, 37.7120, 77.9908



47.1084, 37.7120, 56.9635



41.0350, 37.7120, 18.1379

Rectangle

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



26.5359, 37.7120, 28.4348



26.4253, 37.7120, 55.9358



47.1084, 37.7120, 56.9635



47.2710, 37.7120, 29.0904

Sweetspot

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



26.5369, 37.7136, 28.4357



66.9163, 76.9967, 76.2899



31.8763, 40.6745, 19.2682



14.0843, 16.4563, 16.0272



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.



26.5369, 37.7136, 28.4357



43.1413, 65.4229, 44.3354



29.6820, 38.9716, 44.9976



8.5215, 9.5431, 9.7398



12.1965, 23.1046, 8.0377



0.4128, 0.7386, 0.4061

Inverse Universe

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



29.5936, 21.9597, 31.9587



49.3301, 33.4754, 51.4305



26.9872, 20.9171, 18.2336



8.7069, 8.5895, 9.9552



15.1300, 7.5696, 11.1107



0.5037, 0.2492, 0.4949

Previews

White Background



This preview shows how the XYZ color 26.5359, 37.7120, 28.4348 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 26.5359, 37.7120, 28.4348 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

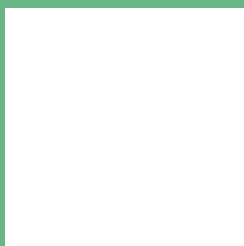
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5359, 37.7120, 28.4348

Background



This preview shows how black text looks on a background with the XYZ color 26.5359, 37.7120, 28.4348.



This preview shows how white text looks on a background with the XYZ color 26.5359, 37.7120,

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

26.5359, 37.7120, 28.4348

Protanopia

34.7206, 37.1712, 25.0835

Deuteranopia

37.8733, 37.1366, 29.5980



Tritanopia

31.5493, 37.6849, 53.1880

Trichromacy



Original Color

26.5359, 37.7120, 28.4348

Protanomaly

30.7316, 36.7240, 26.2376

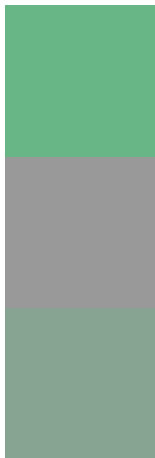
Deuteranomaly

32.2521, 36.3477, 28.9828

Tritanomaly

29.4721, 37.7162, 42.7724

Monochromacy



Original Color

26.5359, 37.7120, 28.4348

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.2772, 33.4206, 32.1546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5359, 37.7120, 28.4348 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(104, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(104, 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(104, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 181, 134) }
```

Border

The CSS property to change the border of an element to XYZ 26.5359, 37.7120, 28.4348 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(104, 181, 134) }
```


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

```
.border{ border-color:rgb(104, 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(104, 181, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 181, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 181, 134); box-shadow:4px 4px 4px 4px rgb(104, 181, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5359, 37.7120, 28.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 181, 134) }
```

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

```
.background{ background-color: rgb(104,  
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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