

Converting Colors

XYZ(25.8648, 33.8287, 37.3218)

Have a look what the booklet for
XYZ(25.8648, 33.8287, 37.3218)
contains.

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Color

**XYZ(26.0258, 34.0429,
37.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	66AA9E
RGB	102, 170, 158
RGB Percent	40%, 67%, 62%
CMY	0.6000, 0.3333, 0.3804
CMYK	0.40, 0.00, 0.07, 0.33
HSL	169°, 29%, 53%
HSV	169°, 40%, 67%
XYZ	26.0258, 34.0429, 37.5470
YIQ	148.3000, -36.6760, -18.1480

Conversions

Conversions Part 2

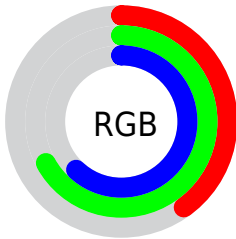
Format	Color
RYB	102, 139, 170
Decimal	6728350
CIELab	65.00, -24.44, -0.60
CIElCh	65, 24.448, 181.407
Yxy	34.0429, 0.2666, 0.3487
Android (android.graphics.Color)	4284918430 (0xFF66AA9E)
YUV	148.3000, 4.7821, -40.6051
Hunter-Lab	58.3463, -22.4848, 2.6881

Details

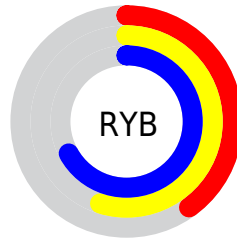
The XYZ color **26.0258, 34.0429, 37.5470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3674, 19.2647, 18.3551**, and the grayscale version is **28.2660, 29.7380, 32.3847**.

A 20% lighter version of the original color is **52.9169, 66.2647, 72.9521**, and **10.2818, 14.4371, 16.1546** is the 20% darker color. If you saturate the color by 10%, you get **24.0383, 33.0486, 36.1228**, and if you desaturate by 10%, it is **28.4167, 35.2461, 39.0245**.

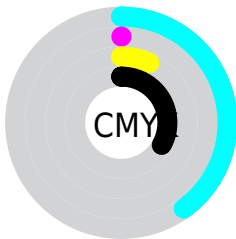
Distribution



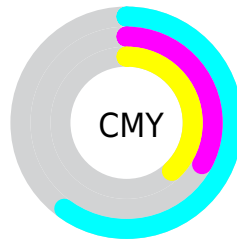
- Red (40%)
- Green (67%)
- Blue (62%)



- Red (40%)
- Yellow (55%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0258, 34.0429, 37.5470 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 26.0258, 34.0429, 37.5470 by changing the saturation by 10% instead.

■ 26.0258, 34.0429,
37.5470

■ 26.0258, 34.0429,
37.5470

275.1631,
320.3233, 350.9124

■ 16.9757, 22.9266,
25.3322

■ 52.7476, 66.0004,
72.6090

■ 10.3124, 14.5393,
16.1035

■ 71.1500, 87.6103,
96.2932

■ 5.6704, 8.4967,
9.4422

■ 93.4005, 113.4869,
124.6377

■ 2.6845, 4.4144,
4.9300

■ 119.8646,
144.0145, 158.0610

■ 0.9892, 1.9080,
2.1482

150.9075,
179.5775, 196.9815

■ 0.0000, 0.5532,
0.6443

186.8947,

■ 0.0000, 0.0000,

220.5604, 241.8179

0.0000

228.1914,
267.3476, 292.9887

■ 26.0258, 34.0429,
37.5470

■ 26.0258, 34.0429,
37.5470

■ 24.0383, 33.0486,
36.1228

■ 28.4167, 35.2461,
39.0245

■ 22.4269, 32.2467,
34.7481

■ 31.2302, 36.6656,
40.5542

■ 21.1654, 31.6244,
33.4223


■ 34.4882, 38.3134,
42.1381


■ 20.2233, 31.1661,
32.1436


■ 38.2097, 40.1995,
43.7773


■ 19.5643, 30.8530,
30.9102


■ 42.4131, 42.3333,
45.4728


 19.1088, 30.6441,
29.7180

 47.1153, 44.7234,
47.2258

 19.1088, 30.6441,
29.7180

 52.3328, 47.3784,
49.0371

 58.0810, 50.3063,
50.9078

 64.3729, 53.5137,
52.8386

Harmonies

Analogous

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



26.7476, 34.0429, 28.5087



26.0258, 34.0429, 37.5470



26.8949, 34.0429, 48.1656

Triad

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



26.0258, 34.0429, 37.5470



36.0299, 34.0429, 56.2889



35.7203, 34.0429, 22.4663

Complementary

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



26.0258, 34.0429, 37.5470



24.3674, 19.2647, 18.3551

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.



38.5121, 34.0429, 27.8193



26.0258, 34.0429, 37.5470



38.6999, 34.0429, 47.1864

Square

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



26.0258, 34.0429, 37.5470



32.5240, 34.0429, 60.1339



39.6392, 34.0429, 36.5910



32.1901, 34.0429, 20.8123

Rectangle

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



26.0258, 34.0429, 37.5470



28.2990, 34.0429, 54.4600



39.6392, 34.0429, 36.5910



36.7849, 34.0429, 23.8380

Sweetspot

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



26.0268, 34.0443, 37.5478



61.1902, 68.8130, 75.8060



23.7744, 33.3190, 17.7492



13.4755, 15.2595, 16.8241



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.0268, 34.0443, 37.5478



43.9855, 60.1468, 65.8256



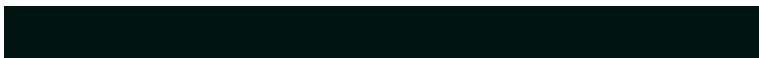
23.3995, 27.0548, 42.0206



7.6899, 8.5090, 9.3530



14.0745, 22.5485, 21.9567



0.3569, 0.5544, 0.6103

Inverse Universe

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



24.3674, 19.2647, 18.3551



40.5644, 29.5757, 26.1824



26.1263, 23.8051, 15.7889



7.5832, 7.5631, 8.1222



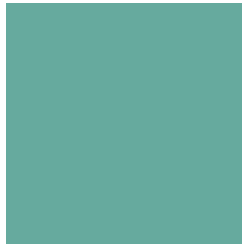
12.3823, 6.3616, 1.5587



0.3164, 0.1608, 0.1178

Previews

White Background



This preview shows how the XYZ color 26.0258, 34.0429, 37.5470 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 26.0258, 34.0429, 37.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

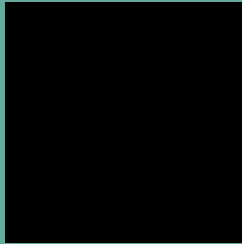
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0258, 34.0429, 37.5470

Background



This preview shows how black text looks on a background with the XYZ color 26.0258, 34.0429, 37.5470.

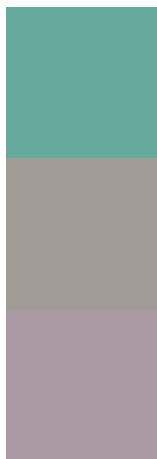


This preview shows how white text looks on a background with the XYZ color 26.0258, 34.0429,

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

26.0258, 34.0429, 37.5470

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.3274, 33.6112, 38.8608



Tritanopia

28.2413, 34.1209, 48.2775

Trichromacy



Original Color

26.0258, 34.0429, 37.5470

Protanomaly

29.3099, 33.3651, 35.0323

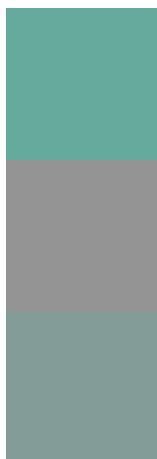
Deuteranomaly

30.5082, 33.3892, 38.5550

Tritanomaly

27.3929, 34.0480, 44.1579

Monochromacy



Original Color

26.0258, 34.0429, 37.5470

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9160, 30.8692, 34.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0258, 34.0429, 37.5470 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, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(102, 170, 158)  
}
```

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, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 170, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.0258, 34.0429, 37.5470 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, 170, 158) }
```


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

```
.border{ border-color:rgb(102, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(102, 170,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0258, 34.0429, 37.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 170, 158) }
```

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

```
.background{ background-color: rgb(102,  
170, 158) }
```

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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