

Converting Colors

XYZ(25.7766, 34.2468, 20.1791)

Have a look what the booklet for
XYZ(25.7766, 34.2468, 20.1791)
contains.

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Color

**XYZ(25.8482, 34.3328,
20.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAA6F
RGB	126, 170, 111
RGB Percent	49%, 67%, 44%
CMY	0.5059, 0.3333, 0.5647
CMYK	0.26, 0.00, 0.35, 0.33
HSL	105°, 26%, 55%
HSV	105°, 35%, 67%
XYZ	25.8482, 34.3328, 20.3035
YIQ	150.1180, -7.2850, -27.6770

Conversions

Conversions Part 2

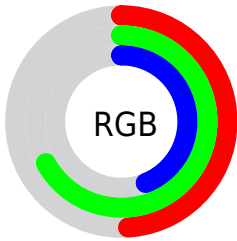
Format	Color
RYB	111, 170, 155
Decimal	8301167
CIELab	65.23, -26.17, 25.78
CIELCh	65, 36.737, 135.426
Yxy	34.3328, 0.3212, 0.4266
Android (android.graphics.Color)	4286491247 (0xFF7EAA6F)
YUV	150.1180, -19.2852, -21.1515
Hunter-Lab	58.5942, -23.7965, 20.4713

Details

The XYZ color **25.8482, 34.3328, 20.3035** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.4592, 21.2407, 40.7374**, and the grayscale version is **29.1218, 30.6384, 33.3653**.

A 20% lighter version of the original color is **52.6296, 66.7404, 44.7586**, and **10.2496, 14.8005, 6.8740** is the 20% darker color. If you saturate the color by 10%, you get **23.2474, 33.0911, 15.7520**, and if you desaturate by 10%, it is **28.8659, 35.7708, 25.8059**.

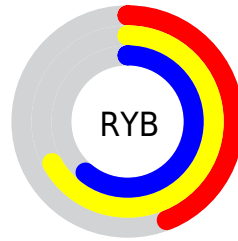
Distribution



Red (49%)

Green (67%)

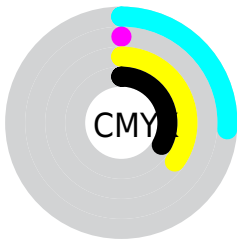
Blue (44%)



Red (44%)

Yellow (67%)

Blue (61%)

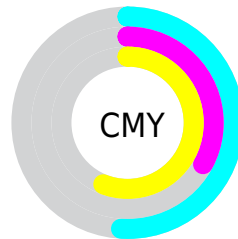


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (51%)


Magenta (33%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8482, 34.3328, 20.3035 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 25.8482, 34.3328, 20.3035 by changing the saturation by 10% instead.


 25.8482, 34.3328,
20.3035


 25.8482, 34.3328,
20.3035


274.3065,
321.6135, 266.2118


 16.8422, 23.1494,
12.4296


 52.4630, 66.4509,
44.7911


 10.2166, 14.7038,
6.9109

 70.8025, 88.1543,
62.2418

 5.6062, 8.6118,
3.3288


 92.9839, 114.1332,
83.7219

 2.6455, 4.4889,
1.2649

 119.3725,
144.7720, 109.6500

 0.9692, 1.9506,
0.0328

150.3337,
180.4550, 140.4444

 0.0000, 0.5785,
0.0000

186.2329,

 0.0000, 0.0000,

221.5666, 176.5238

0.0000

227.4354,
268.4913, 218.3068

■ 25.8482, 34.3328,
20.3035

■ 25.8482, 34.3328,
20.3035

■ 23.2474, 33.0911,
15.7520

■ 28.8659, 35.7708,
25.8059

■ 21.0420, 32.0329,
12.0953

■ 32.3155, 37.4089,
32.3066

■ 19.2122, 31.1501,
9.2750


■ 36.2147, 39.2560,
39.8523


■ 17.7356, 30.4327,
7.2249


■ 40.5792, 41.3194,
48.4863


■ 16.5868, 29.8693,
5.8684


■ 45.4239, 43.6059,
58.2495


 15.7366, 29.4469,
5.1128

 50.7631, 46.1219,
69.1804

 15.3808, 29.2691,
4.8389

 56.6104, 48.8738,
81.3161

 62.9791, 51.8675,
94.6917

 68.3976, 54.5152,
101.5253

Harmonies

Analogous

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



29.9755, 34.3328, 15.5902



25.8482, 34.3328, 20.3035



23.6660, 34.3328, 30.4579

Triad

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



25.8482, 34.3328, 20.3035



30.1152, 34.3328, 73.6954



43.5699, 34.3328, 30.0905

Complementary

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



25.8482, 34.3328, 20.3035



26.4592, 21.2407, 40.7374

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.



43.6178, 34.3328, 45.2846



25.8482, 34.3328, 20.3035



35.4417, 34.3328, 73.5174

Square

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



25.8482, 34.3328, 20.3035



25.9408, 34.3328, 62.4991



40.5103, 34.3328, 62.0641



40.3856, 34.3328, 20.0982

Rectangle

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



25.8482, 34.3328, 20.3035



23.4371, 34.3328, 40.2341



40.5103, 34.3328, 62.0641



43.9639, 34.3328, 34.6690

Sweetspot

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



25.8491, 34.3343, 20.3043



61.7286, 69.3399, 64.5690



31.0479, 32.8946, 19.7524



13.5533, 15.3624, 13.9892



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.



25.8491, 34.3343, 20.3043



43.0385, 60.4494, 30.0546



24.6181, 33.6053, 24.5137



7.6089, 8.4965, 8.0282



11.3588, 21.5529, 3.5615



0.3222, 0.5480, 0.0888

Inverse Universe

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



26.4592, 21.2407, 40.7374



44.3038, 32.9084, 73.0188



28.2838, 22.3241, 34.3759



7.6530, 7.5692, 9.4760



11.8055, 5.4694, 28.4090



0.3304, 0.1553, 0.6932

Previews

White Background



This preview shows how the XYZ color 25.8482, 34.3328, 20.3035 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 25.8482, 34.3328, 20.3035 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 25.8482, 34.3328, 20.3035

Background



This preview shows how black text looks on a background with the XYZ color 25.8482, 34.3328, 20.3035.



This preview shows how white text looks on a background with the XYZ color 25.8482, 34.3328,

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

25.8482, 34.3328, 20.3035

Protanopia

31.6230, 34.1523, 18.5610

Deuteranopia

34.6546, 33.9358, 20.9434



Tritanopia

30.9747, 34.2542, 45.5366

Trichromacy



Original Color

25.8482, 34.3328, 20.3035

Protanomaly

29.1447, 33.8919, 19.1931

Deuteranomaly

30.7812, 33.6680, 20.7958

Tritanomaly

28.7955, 34.1638, 34.7824

Monochromacy



Original Color

25.8482, 34.3328, 20.3035

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4854, 31.5542, 27.9345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8482, 34.3328, 20.3035 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(126, 170, 111)` looks like.

```
.text, #text, p{  
    color:rgb(126, 170, 111)  
}
```

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(126, 170, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 170, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.8482, 34.3328, 20.3035 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(126, 170, 111) }
```


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

```
.border{ border-color:rgb(126, 170, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 170, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 170, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 170, 111);  
box-shadow:4px 4px 4px 4px rgb(126, 170,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8482, 34.3328, 20.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 170, 111) }
```

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

```
.background{ background-color: rgb(126,  
170, 111) }
```

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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