

Converting Colors

XYZ(25.5926, 34.0415, 27.6325)

Have a look what the booklet for
XYZ(25.5926, 34.0415, 27.6325)
contains.

XYZ(25.6172, 34.0481, 27.7760)	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(25.6172, 34.0481,
27.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	72AA86
RGB	114, 170, 134
RGB Percent	45%, 67%, 53%
CMY	0.5529, 0.3333, 0.4745
CMYK	0.33, 0.00, 0.21, 0.33
HSL	141°, 25%, 56%
HSV	141°, 33%, 67%
XYZ	25.6172, 34.0481, 27.7760
YIQ	149.1520, -21.8200, -23.0680

Conversions

Conversions Part 2

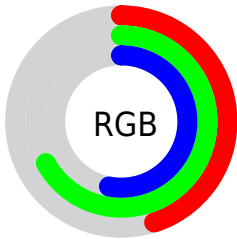
Format	Color
RYB	114, 155, 170
Decimal	7514758
CIELab	65.00, -26.17, 12.81
CIELCh	65, 29.136, 153.910
Yxy	34.0481, 0.2930, 0.3894
Android (android.graphics.Color)	4285704838 (0xFF72AA86)
YUV	149.1520, -7.4699, -30.8283
Hunter-Lab	58.3507, -23.7486, 12.6224

Details

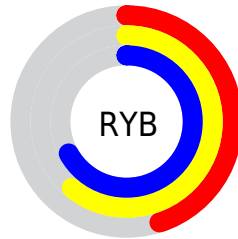
The XYZ color **25.6172, 34.0481, 27.7760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.1010, 22.7834, 31.7720**, and the grayscale version is **28.6688, 30.1618, 32.8462**.

A 20% lighter version of the original color is **52.1023, 66.1961, 57.0447**, and **10.0114, 14.4194, 10.6431** is the 20% darker color. If you saturate the color by 10%, you get **22.8849, 32.7241, 23.8729**, and if you desaturate by 10%, it is **28.8411, 35.6184, 32.1149**.

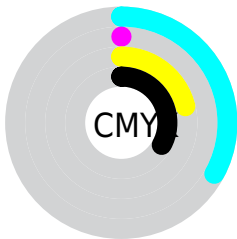
Distribution



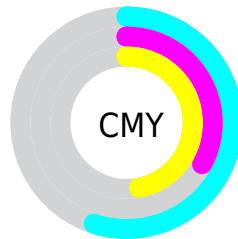
- Red (45%)
- Green (67%)
- Blue (53%)



- Red (45%)
- Yellow (61%)
- Blue (67%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6172, 34.0481, 27.7760 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 25.6172, 34.0481, 27.7760 by changing the saturation by 10% instead.

■ 25.6172, 34.0481,
27.7760

■ 25.6172, 34.0481,
27.7760

273.1891,
320.3465, 305.2732

■ 16.6687, 22.9306,
17.9193

■ 52.0925, 66.0085,
57.1454

■ 10.0924, 14.5422,
10.7232

■ 70.3499, 87.6201,
77.4952

■ 5.5230, 8.4988,
5.7692

■ 92.4410, 113.4985,
102.1798

■ 2.5951, 4.4157,
2.6388

118.7312,
144.0281, 131.6176

■ 0.9435, 1.9087,
0.9124

149.5857,
179.5933, 166.2274

■ 0.0000, 0.5536,
0.0000

185.3699,

■ 0.0000, 0.0000,

220.5785, 206.4275

0.0000

226.4493,
267.3681, 252.6366

■ 25.6172, 34.0481,
27.7760

■ 25.6172, 34.0481,
27.7760

■ 22.8849, 32.7241,
23.8729

■ 28.8411, 35.6184,
32.1149

■ 20.6163, 31.6293,
20.3896

■ 32.5773, 37.4424,
36.9001

■ 18.7848, 30.7513,
17.3126


■ 36.8483, 39.5325,
42.1451


■ 17.3597, 30.0747,
14.6268


■ 41.6749, 41.8991,
47.8616

■ 16.3064, 29.5817,
12.3158

■ 47.0762, 44.5520,
54.0612


 15.5835, 29.2515,
10.3623

 53.0709, 47.5005,
60.7549

 15.2100, 29.0846,
9.1869

 59.6765, 50.7533,
67.9536

 66.9100, 54.3190,
75.6675

 70.2323, 55.8576,
83.6937

Harmonies

Analogous

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



28.0490, 34.0481, 20.9579



25.6172, 34.0481, 27.7760



24.9331, 34.0481, 38.6774

Triad

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



25.6172, 34.0481, 27.7760



32.9173, 34.0481, 65.3738



39.5619, 34.0481, 25.5762

Complementary

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



25.6172, 34.0481, 27.7760



28.1010, 22.7834, 31.7720

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.



41.1362, 34.0481, 35.5128



25.6172, 34.0481, 27.7760



37.0953, 34.0481, 59.8554

Square

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



25.6172, 34.0481, 27.7760



28.9279, 34.0481, 62.0594



40.1968, 34.0481, 48.2416



36.0571, 34.0481, 19.8947

Rectangle

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



25.6172, 34.0481, 27.7760



25.5059, 34.0481, 47.2943



40.1968, 34.0481, 48.2416



40.3476, 34.0481, 28.4413

Sweetspot

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



25.6181, 34.0495, 27.7768



61.1460, 68.9300, 69.4912



30.0646, 36.4880, 21.3782



13.4087, 15.2606, 15.2146



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.



25.6181, 34.0495, 27.7768



42.5452, 59.8678, 44.8162



27.8013, 34.9228, 39.2732



7.5433, 8.4504, 8.5812



11.2127, 21.4038, 6.8869



0.2972, 0.5305, 0.2959

Inverse Universe

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



28.1010, 22.7834, 31.7720



47.7924, 36.0357, 53.2424



26.1335, 21.9964, 21.4114



7.7265, 7.6204, 8.8767



14.2639, 7.1143, 11.4669



0.3701, 0.1823, 0.4003

Previews

White Background



This preview shows how the XYZ color 25.6172, 34.0481, 27.7760 looks on a white background.

Color Contrast Check

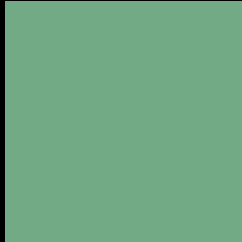
Large Text (above 18pt) WCAG AA × Fail

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 25.6172, 34.0481, 27.7760 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 25.6172, 34.0481, 27.7760

Background



This preview shows how black text looks on a background with the XYZ color 25.6172, 34.0481, 27.7760.



This preview shows how white text looks on a background with the XYZ color 25.6172, 34.0481,

27.7760.

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

25.6172, 34.0481, 27.7760

Protanopia

31.6791, 33.7794, 25.2725

Deuteranopia

34.2445, 33.5519, 28.7160



Tritanopia

29.3797, 33.9362, 46.5968

Trichromacy



Original Color

25.6172, 34.0481, 27.7760

Protanomaly

28.9822, 33.6554, 26.0877

Deuteranomaly

30.2598, 33.2284, 28.4858

Tritanomaly

27.8150, 33.8387, 38.7837

Monochromacy



Original Color

25.6172, 34.0481, 27.7760

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.2444, 31.3618, 31.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6172, 34.0481, 27.7760 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(114, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(114, 170, 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(114, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 170, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.6172, 34.0481, 27.7760 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(114, 170, 134) }
```


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

```
.border{ border-color:rgb(114, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(114, 170,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6172, 34.0481, 27.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 170, 134) }
```

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

```
.background{ background-color: rgb(114,  
170, 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](#).

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