

Converting Colors

XYZ(25.7134, 34.5986, 29.3985)

Have a look what the booklet for
XYZ(25.7134, 34.5986, 29.3985)
contains.

XYZ(25.7704, 34.6550, 29.3756)	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(25.7704, 34.6550,
29.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAC8A
RGB	110, 172, 138
RGB Percent	43%, 67%, 54%
CMY	0.5686, 0.3255, 0.4588
CMYK	0.36, 0.00, 0.20, 0.33
HSL	147°, 27%, 55%
HSV	147°, 36%, 67%
XYZ	25.7704, 34.6550, 29.3756
YIQ	149.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

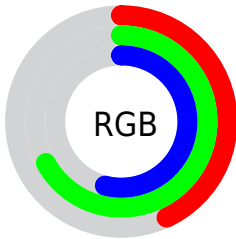
Format	Color
RYB	110, 153, 172
Decimal	7253130
CIELab	65.48, -27.59, 11.25
CIElCh	65, 29.792, 157.816
Yxy	34.6550, 0.2870, 0.3859
Android (android.graphics.Color)	4285443210 (0xFF6EAC8A)
YUV	149.5860, -5.7119, -34.7169
Hunter-Lab	58.8685, -24.8793, 11.6220

Details

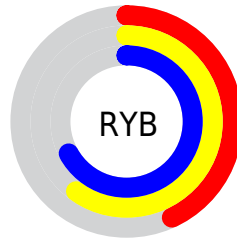
The XYZ color **25.7704, 34.6550, 29.3756** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.6244, 21.9370, 29.1653**, and the grayscale version is **28.8462, 30.3484, 33.0494**.

A 20% lighter version of the original color is **52.4572, 67.1409, 59.4849**, and **10.1619, 14.8280, 11.5590** is the 20% darker color. If you saturate the color by 10%, you get **23.1811, 33.3966, 25.8433**, and if you desaturate by 10%, it is **28.8363, 36.1541, 33.2413**.

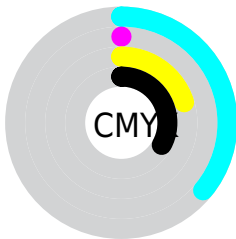
Distribution



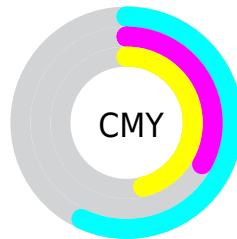
- Red (43%)
- Green (67%)
- Blue (54%)



- Red (43%)
- Yellow (60%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (57%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7704, 34.6550, 29.3756 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 25.7704, 34.6550, 29.3756 by changing the saturation by 10% instead.

■ 25.7704, 34.6550,
29.3756

■ 25.7704, 34.6550,
29.3756

273.9306,
323.0429, 313.0992

■ 16.7837, 23.3972,
19.1171

■ 52.3383, 66.9510,
59.7226

■ 10.1748, 14.8871,
11.5773

■ 70.6502, 88.7580,
80.6482

■ 5.5781, 8.7402,
6.3375

■ 92.8012, 114.8501,
105.9666

■ 2.6285, 4.5721,
2.9793

■ 119.1567,
145.6119, 136.0963

■ 0.9605, 1.9985,
1.0841

150.0820,
181.4277, 171.4559

■ 0.0000, 0.6066,
0.0000

185.9425,

■ 0.0000, 0.0000,

222.6819, 212.4639

0.0000

227.1036,
269.7588, 259.5388

■ 25.7704, 34.6550,
29.3756

■ 25.7704, 34.6550,
29.3756

■ 23.1811, 33.3966,
25.8433

■ 28.8363, 36.1541,
33.2413

■ 21.0400, 32.3617,
22.6331

■ 32.3996, 37.9017,
37.4469

■ 19.3198, 31.5372,
19.7363

■ 36.4833, 39.9103,
42.0013

■ 17.9890, 30.9072,
17.1429

■ 41.1081, 42.1906,
46.9126

■ 17.0112, 30.4530,
14.8423

■ 46.2934, 44.7523,
52.1885

■ 16.3387, 30.1503,
12.8229

■ 52.0578, 47.6049,
57.8366

■ 16.1167, 30.0517,
12.0981

■ 58.4189, 50.7573,
63.8641

■ 65.3936, 54.2182,
70.2781

■ 69.2984, 56.0884,
76.9123

Harmonies

Analogous

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



28.0617, 34.6550, 21.7686



25.7704, 34.6550, 29.3756



25.3124, 34.6550, 41.0933

Triad

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



25.7704, 34.6550, 29.3756



34.0917, 34.6550, 66.8635



40.0141, 34.6550, 24.8452

Complementary

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



25.7704, 34.6550, 29.3756



27.6244, 21.9370, 29.1653

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.



41.9604, 34.6550, 34.5618



25.7704, 34.6550, 29.3756



38.3500, 34.6550, 60.0525

Square

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



25.7704, 34.6550, 29.3756



29.8739, 34.6550, 64.6138



41.3260, 34.6550, 47.5428



36.2060, 34.6550, 19.5835

Rectangle

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



25.7704, 34.6550, 29.3756



26.0671, 34.6550, 50.0809



41.3260, 34.6550, 47.5428



40.9224, 34.6550, 27.6031

Sweetspot

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



25.7713, 34.6564, 29.3764



62.2476, 70.4632, 71.8581



29.0873, 36.5707, 20.2782



13.3206, 15.2113, 15.3843



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.



25.7713, 34.6564, 29.3764



43.0484, 61.0674, 48.2884



28.3361, 35.6823, 42.8824



8.0492, 8.9972, 9.2841



12.0199, 22.3732, 9.1446



0.3622, 0.6335, 0.4008

Inverse Universe

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



27.6244, 21.9370, 29.1653



46.8943, 34.6546, 47.8392



25.5765, 21.1178, 18.3810



8.1821, 8.0861, 9.2696



14.2030, 7.1438, 8.7145



0.4222, 0.2096, 0.3851

Previews

White Background



This preview shows how the XYZ color 25.7704, 34.6550, 29.3756 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 25.7704, 34.6550, 29.3756 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 25.7704, 34.6550, 29.3756

Background



This preview shows how black text looks on a background with the XYZ color 25.7704, 34.6550, 29.3756.



This preview shows how white text looks on a background with the XYZ color 25.7704, 34.6550,

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

25.7704, 34.6550, 29.3756

Protanopia

32.2599, 34.3079, 26.3945

Deuteranopia

34.8641, 34.3192, 30.3779



Tritanopia

29.4822, 34.4897, 48.2833

Trichromacy



Original Color

25.7704, 34.6550, 29.3756

Protanomaly

29.2543, 34.0266, 27.5802

Deuteranomaly

30.7050, 33.9347, 30.1310

Tritanomaly

27.9966, 34.4349, 40.7683

Monochromacy



Original Color

25.7704, 34.6550, 29.3756

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4068, 31.6799, 31.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7704, 34.6550, 29.3756 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(110, 172, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 172, 138)  
}
```

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(110, 172, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 172, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.7704, 34.6550, 29.3756 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(110, 172, 138) }
```


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

```
.border{ border-color:rgb(110, 172, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 172, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 172, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 172, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 172,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7704, 34.6550, 29.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 172, 138) }
```

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

```
.background{ background-color: rgb(110,  
172, 138) }
```

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