

Converting Colors

XYZ(25.6853, 34.2406, 24.9998)

Have a look what the booklet for
XYZ(25.6853, 34.2406, 24.9998)
contains.

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Color

**XYZ(25.6118, 34.1074,
24.9722)**

Conversions

Conversions Part 1

Format	Color
Hex	76AA7E
RGB	118, 170, 126
RGB Percent	46%, 67%, 49%
CMY	0.5373, 0.3333, 0.5059
CMYK	0.31, 0.00, 0.26, 0.33
HSL	129°, 23%, 56%
HSV	129°, 31%, 67%
XYZ	25.6118, 34.1074, 24.9722
YIQ	149.4360, -16.8680, -24.7080

Conversions

Conversions Part 2

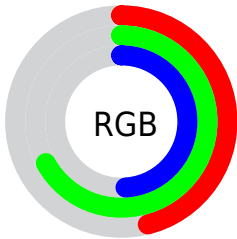
Format	Color
RYB	118, 163, 170
Decimal	7776894
CIELab	65.05, -26.39, 17.31
CIElCh	65, 31.565, 146.733
Yxy	34.1074, 0.3024, 0.4027
Android (android.graphics.Color)	4285966974 (0xFF76AA7E)
YUV	149.4360, -11.5539, -27.5694
Hunter-Lab	58.4015, -23.9221, 15.5290

Details

The XYZ color **25.6118, 34.1074, 24.9722** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.5787, 24.1122, 37.2787**, and the grayscale version is **28.8038, 30.3039, 33.0009**.

A 20% lighter version of the original color is **52.1276, 66.3053, 52.6986**, and **10.0156, 14.4517, 9.2828** is the 20% darker color. If you saturate the color by 10%, you get **22.6456, 32.6789, 20.3318**, and if you desaturate by 10%, it is **29.1294, 35.8067, 30.3367**.

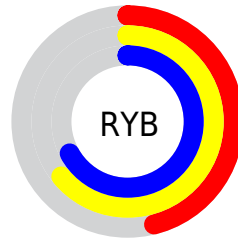
Distribution



Red (46%)

Green (67%)

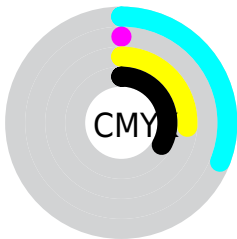
Blue (49%)



Red (46%)

Yellow (64%)

Blue (67%)

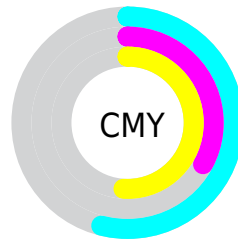


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (33%)



Cyan (54%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6118, 34.1074, 24.9722 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 25.6118, 34.1074, 24.9722 by changing the saturation by 10% instead.


 25.6118, 34.1074,
24.9722


 25.6118, 34.1074,
24.9722


273.1630,
320.6107, 291.1427


 16.6646, 22.9761,
15.8375


 52.0838, 66.1006,
52.5757

 10.0895, 14.5759,
9.2561


 70.3393, 87.7314,
71.8816

 5.5210, 8.5223,
4.8095


 92.4283, 113.6308,
95.4149

 2.5940, 4.4309,
2.0792

118.7161,
144.1832, 123.5943

 0.9429, 1.9174,
0.6033

149.5682,
179.7729, 156.8382

 0.0000, 0.5588,
0.0000

185.3497,

 0.0000, 0.0000,

220.7845, 195.5652

0.0000

226.4262,
267.6023, 240.1939

■ 25.6118, 34.1074,
24.9722

■ 25.6118, 34.1074,
24.9722

■ 22.6456, 32.6789,
20.3318

■ 29.1294, 35.8067,
30.3367

■ 20.2001, 31.5031,
16.3822

■ 33.2217, 37.7852,
36.4519

■ 18.2456, 30.5663,
13.0910


■ 37.9140, 40.0565,
43.3462


■ 16.7483, 29.8520,
10.4225


■ 43.2292, 42.6316,
51.0455


■ 15.6703, 29.3412,
8.3372


■ 49.1891, 45.5214,
59.5748

 14.9669, 29.0121,
6.7913

 55.8142, 48.7360,
68.9577

 14.5636, 28.8261,
5.7829

 63.1245, 52.2851,
79.2172

 71.1387, 56.1779,
90.3751

 73.6654, 57.2308,
101.7718

Harmonies

Analogous

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



28.6237, 34.1074, 18.8902



25.6118, 34.1074, 24.9722



24.4125, 34.1074, 35.7213

Triad

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



25.6118, 34.1074, 24.9722



31.9199, 34.1074, 68.3550



40.9166, 34.1074, 26.9278

Complementary

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



25.6118, 34.1074, 24.9722



29.5787, 24.1122, 37.2787

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.



42.0064, 34.1074, 38.5899



25.6118, 34.1074, 24.9722



36.5338, 34.1074, 64.4531

Square

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



25.6118, 34.1074, 24.9722



27.8328, 34.1074, 62.4039



40.3345, 34.1074, 52.7232



37.4812, 34.1074, 19.8189

Rectangle

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



25.6118, 34.1074, 24.9722



24.7099, 34.1074, 44.8644



40.3345, 34.1074, 52.7232



41.5826, 34.1074, 30.3524

Sweetspot

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



25.6127, 34.1088, 24.9730



61.4211, 69.1088, 67.8316



32.5871, 37.7616, 22.7109



13.4423, 15.2883, 14.7497



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.



25.6127, 34.1088, 24.9730



42.5571, 59.9980, 39.2135



27.4980, 34.8630, 34.9010



7.4821, 8.4259, 8.2587



10.7264, 21.2093, 4.3263



0.2745, 0.5214, 0.1763

Inverse Universe

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



29.5787, 24.1122, 37.2787



50.9581, 38.8080, 65.2697



27.5151, 23.2867, 26.4123



7.7916, 7.6465, 9.2196



15.9055, 7.7709, 20.1120



0.3999, 0.1942, 0.5575

Previews

White Background



This preview shows how the XYZ color 25.6118, 34.1074, 24.9722 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 25.6118, 34.1074, 24.9722 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 25.6118, 34.1074, 24.9722

Background



This preview shows how black text looks on a background with the XYZ color 25.6118, 34.1074, 24.9722.



This preview shows how white text looks on a background with the XYZ color 25.6118, 34.1074,

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

25.6118, 34.1074, 24.9722

Protanopia

31.5956, 33.7948, 22.6271

Deuteranopia

34.3873, 33.6900, 25.8095



Tritanopia

29.8358, 33.9182, 46.0486

Trichromacy



Original Color

25.6118, 34.1074, 24.9722

Protanomaly

29.0109, 33.7298, 23.3938

Deuteranomaly

30.4874, 33.4096, 25.6107

Tritanomaly

28.1200, 34.0261, 37.4334

Monochromacy



Original Color

25.6118, 34.1074, 24.9722

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3459, 31.4403, 29.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6118, 34.1074, 24.9722 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(118, 170, 126)` looks like.

```
.text, #text, p{  
    color:rgb(118, 170, 126)  
}
```

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(118, 170, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 170, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.6118, 34.1074, 24.9722 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(118, 170, 126) }
```


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

```
.border{ border-color:rgb(118, 170, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 170, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 170, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 170, 126);  
box-shadow:4px 4px 4px 4px rgb(118, 170,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6118, 34.1074, 24.9722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 170, 126) }
```

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

```
.background{ background-color: rgb(118,  
170, 126) }
```

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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