

Converting Colors

XYZ(25.2233, 34.9426, 16.4815)

Have a look what the booklet for
XYZ(25.2233, 34.9426, 16.4815)
contains.

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Color

**XYZ(25.2233, 34.9426,
16.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	7BAD60
RGB	123, 173, 96
RGB Percent	48%, 68%, 38%
CMY	0.5176, 0.3216, 0.6235
CMYK	0.29, 0.00, 0.45, 0.32
HSL	99°, 32%, 53%
HSV	99°, 45%, 68%
XYZ	25.2233, 34.9426, 16.4815
YIQ	149.2720, -5.0830, -34.5470

Conversions

Conversions Part 2

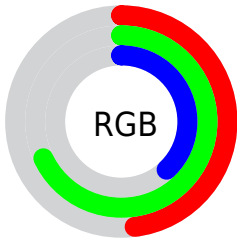
Format	Color
RYB	96, 173, 146
Decimal	8105312
CIELab	65.70, -30.86, 34.28
CIElCh	66, 46.126, 131.996
Yxy	34.9426, 0.3291, 0.4559
Android (android.graphics.Color)	4286295392 (0xFF7BAD60)
YUV	149.2720, -26.2631, -23.0405
Hunter-Lab	59.1123, -27.2802, 24.8475

Details

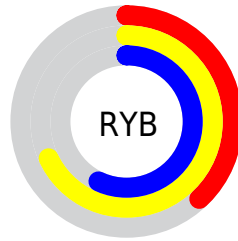
The XYZ color **25.2233, 34.9426, 16.4815** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **23.5812, 17.4948, 41.6710**, and the grayscale version is **28.7912, 30.2906, 32.9864**.

A 20% lighter version of the original color is **51.4961, 67.5239, 38.3363**, and **9.8281, 14.9778, 5.0623** is the 20% darker color. If you saturate the color by 10%, you get **22.9971, 33.8781, 12.6674**, and if you desaturate by 10%, it is **27.8110, 36.1753, 21.2289**.

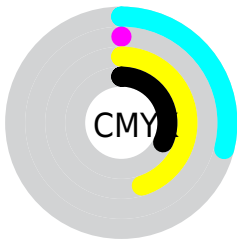
Distribution



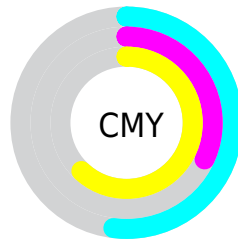
- Red (48%)
- Green (68%)
- Blue (38%)



- Red (38%)
- Yellow (68%)
- Blue (57%)



- Cyan (29%)
- Magenta (0%)
- Yellow (45%)
- Black (32%)



- Cyan (52%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2233, 34.9426, 16.4815 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 25.2233, 34.9426, 16.4815 by changing the saturation by 10% instead.

■ 25.2233, 34.9426,
16.4815

■ 25.2233, 34.9426,
16.4815

271.2753,
324.3149, 244.1084

■ 16.3731, 23.6187,
9.7075

■ 51.4595, 67.3968,
38.2105

■ 9.8811, 15.0510,
5.1024

■ 69.5763, 89.2959,
54.0025

■ 5.3818, 8.8552,
2.2477

■ 91.5126, 115.4889,
73.6376

■ 2.5100, 4.6468,
0.7017

■ 117.6339,
146.3600, 97.5344

■ 0.9003, 2.0416,
0.0000

148.3054,
182.2938, 126.1113

■ 0.0000, 0.6315,
0.0000

183.8926,

■ 0.0000, 0.0000,

223.6746, 159.7869

0.0000

224.7608,
270.8869, 198.9797

■ 25.2233, 34.9426,
16.4815

■ 25.2233, 34.9426,
16.4815

■ 22.9971, 33.8781,
12.6674

■ 27.8110, 36.1753,
21.2289

■ 21.1120, 32.9696,
9.7228

■ 30.7741, 37.5790,
26.9633

■ 19.5492, 32.2097,
7.5796


■ 34.1288, 39.1619,
33.7370


■ 18.2868, 31.5891,
6.1583


■ 37.8897, 40.9306,
41.5979

■ 17.2993, 31.0966,
5.3633


■ 42.0703, 42.8911,
50.5910

 16.8478, 30.8699,
5.0705

 46.6838, 45.0492,
60.7586

 51.7425, 47.4104,
72.1410

 57.2585, 49.9800,
84.7765

 63.2430, 52.7631,
98.7019

Harmonies

Analogous

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



30.5728, 34.9426, 11.9477



25.2233, 34.9426, 16.4815



22.2827, 34.9426, 27.6244

Triad

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



25.2233, 34.9426, 16.4815



29.3394, 34.9426, 85.8081



47.6821, 34.9426, 30.7954

Complementary

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



25.2233, 34.9426, 16.4815



23.5812, 17.4948, 41.6710

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.



47.2330, 34.9426, 50.8069



25.2233, 34.9426, 16.4815



35.9987, 34.9426, 87.5637

Square

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



25.2233, 34.9426, 16.4815



24.4267, 34.9426, 68.9311



42.7308, 34.9426, 73.1304



43.8852, 34.9426, 18.1188

Rectangle

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



25.2233, 34.9426, 16.4815



21.8026, 34.9426, 39.3631



42.7308, 34.9426, 73.1304



48.0356, 34.9426, 36.7597

Sweetspot

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



25.2242, 34.9441, 16.4823



61.9424, 70.5212, 62.1123



29.4360, 29.9097, 15.2885



13.1635, 15.1855, 12.8854



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.



25.2242, 34.9441, 16.4823



41.4001, 60.7748, 23.0398



22.3839, 33.4217, 18.9804



8.1595, 9.0708, 8.5342



12.4335, 22.7068, 3.7275



0.4061, 0.6627, 0.1065

Inverse Universe

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



23.5812, 17.4948, 41.6710



38.0653, 25.6328, 73.7471



28.0047, 19.8857, 36.8891



8.0604, 8.0054, 10.0731



10.5459, 4.7965, 29.4145



0.3496, 0.1624, 0.8209

Previews

White Background



This preview shows how the XYZ color 25.2233, 34.9426, 16.4815 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 25.2233, 34.9426, 16.4815 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 25.2233, 34.9426, 16.4815

Background



This preview shows how black text looks on a background with the XYZ color 25.2233, 34.9426, 16.4815.



This preview shows how white text looks on a background with the XYZ color 25.2233, 34.9426,

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

25.2233, 34.9426, 16.4815

Protanopia

31.7420, 34.5503, 14.8934

Deuteranopia

35.3154, 34.6025, 17.1295



Tritanopia

31.3646, 34.9595, 46.6897

Trichromacy



Original Color

25.2233, 34.9426, 16.4815

Protanomaly

28.7688, 34.3098, 15.4621

Deuteranomaly

30.7593, 34.2580, 16.7956

Tritanomaly

28.5241, 34.6008, 33.1922

Monochromacy



Original Color

25.2233, 34.9426, 16.4815

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.0713, 31.6409, 25.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2233, 34.9426, 16.4815 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(123, 173, 96)` looks like.

```
.text, #text, p{  
    color:rgb(123, 173, 96)  
}
```

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(123, 173, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 173, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.2233, 34.9426, 16.4815 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(123, 173, 96) }
```


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

```
.border{ border-color:rgb(123, 173, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 173, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 173, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 173, 96);  
box-shadow:4px 4px 4px 4px rgb(123, 173,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2233, 34.9426, 16.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 173, 96) }
```

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

```
.background{ background-color: rgb(123,  
173, 96) }
```

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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