

Converting Colors

XYZ(25.4835, 34.3281, 20.0131)

Have a look what the booklet for
XYZ(25.4835, 34.3281, 20.0131)
contains.

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Color

**XYZ(25.5458, 34.4626,
20.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	7BAB6E
RGB	123, 171, 110
RGB Percent	48%, 67%, 43%
CMY	0.5176, 0.3294, 0.5686
CMYK	0.28, 0.00, 0.36, 0.33
HSL	107°, 27%, 55%
HSV	107°, 36%, 67%
XYZ	25.5458, 34.4626, 20.0574
YIQ	149.6940, -9.0270, -29.1470

Conversions

Conversions Part 2

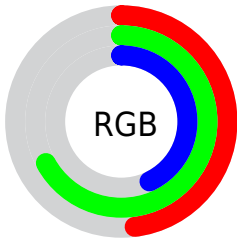
Format	Color
RYB	110, 171, 158
Decimal	8104814
CIELab	65.33, -27.88, 26.42
CIELCh	65, 38.411, 136.535
Yxy	34.4626, 0.3191, 0.4304
Android (android.graphics.Color)	4286294894 (0xFF7BAB6E)
YUV	149.6940, -19.5691, -23.4106
Hunter-Lab	58.7049, -25.0581, 20.8361

Details

The XYZ color **25.5458, 34.4626, 20.0574** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.0287, 21.3623, 41.2287**, and the grayscale version is **28.9435, 30.4508, 33.1610**.

A 20% lighter version of the original color is **52.1221, 66.8939, 44.3471**, and **9.9932, 14.6715, 6.7201** is the 20% darker color. If you saturate the color by 10%, you get **22.9089, 33.2016, 15.5342**, and if you desaturate by 10%, it is **28.6288, 35.9348, 25.5408**.

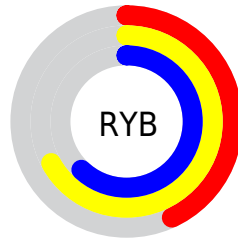
Distribution



Red (48%)

Green (67%)

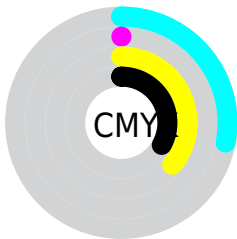
Blue (43%)



Red (43%)

Yellow (67%)

Blue (62%)

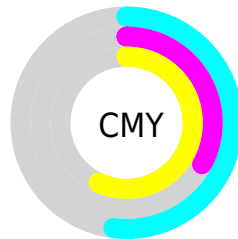


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5458, 34.4626, 20.0574 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 25.5458, 34.4626, 20.0574 by changing the saturation by 10% instead.

■ 25.5458, 34.4626,
20.0574

■ 25.5458, 34.4626,
20.0574

272.8430,
322.1899, 264.8402

■ 16.6151, 23.2492,
12.2523

■ 51.9778, 66.6524,
44.3736

■ 10.0540, 14.7776,
6.7911

■ 70.2098, 88.3976,
61.7218

■ 5.4973, 8.6635,
3.2553

■ 92.2730, 114.4222,
83.0881

■ 2.5796, 4.5223,
1.2265

■ 118.5326,
145.1106, 108.8911

■ 0.9356, 1.9698,
0.0003

149.3541,
180.8471, 139.5492

■ 0.0000, 0.5899,
0.0000

185.1027,

■ 0.0000, 0.0000,

222.0163, 175.4811

0.0000

226.1439,
269.0024, 217.1052

■ 25.5458, 34.4626,
20.0574

■ 25.5458, 34.4626,
20.0574

■ 22.9089, 33.2016,
15.5342

■ 28.6288, 35.9348,
25.5408

■ 20.6943, 32.1378,
11.9138

■ 32.1750, 37.6229,
32.0330

■ 18.8801, 31.2622,
9.1362


■ 36.2036, 39.5368,
39.5817


■ 17.4411, 30.5632,
7.1332


■ 40.7320, 41.6846,
48.2312


■ 16.3489, 30.0279,
5.8260


■ 45.7770, 44.0738,
58.0233


 15.5698, 29.6412,
5.1132

 51.3541, 46.7118,
68.9973

 15.3066, 29.5103,
4.8893

 57.4786, 49.6056,
81.1909

 64.1649, 52.7617,
94.6400

 69.9596, 55.5998,
101.6523

Harmonies

Analogous

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



29.7858, 34.4626, 15.0459



25.5458, 34.4626, 20.0574



23.3605, 34.4626, 30.7920

Triad

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



25.5458, 34.4626, 20.0574



30.3120, 34.4626, 76.2115



44.1998, 34.4626, 29.4140

Complementary

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



25.5458, 34.4626, 20.0574



27.0287, 21.3623, 41.2287

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.



44.3824, 34.4626, 45.1717



25.5458, 34.4626, 20.0574



35.9167, 34.4626, 75.5276

Square

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



25.5458, 34.4626, 20.0574



25.8931, 34.4626, 64.6499



41.2085, 34.4626, 62.9849



40.7348, 34.4626, 19.2975

Rectangle

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



25.5458, 34.4626, 20.0574



23.1806, 34.4626, 41.1443



41.2085, 34.4626, 62.9849



44.6597, 34.4626, 34.1224

Sweetspot

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



25.5467, 34.4641, 20.0582



60.7432, 68.8616, 63.1821



31.8005, 34.1652, 19.6709



13.3384, 15.2578, 13.7020



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.



25.5467, 34.4641, 20.0582



41.8704, 59.8640, 29.2409



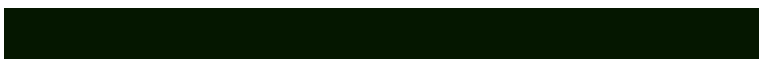
24.8437, 33.9821, 25.4262



8.0581, 9.0185, 8.5294



11.5758, 22.2646, 3.6874



0.3666, 0.6424, 0.1047

Inverse Universe

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



27.0287, 21.3623, 41.2287



44.9118, 32.7941, 72.9647



28.1810, 22.1344, 33.2367



8.1675, 8.0607, 10.0781



13.0657, 6.0955, 29.5324



0.4047, 0.1908, 0.8235

Previews

White Background



This preview shows how the XYZ color 25.5458, 34.4626, 20.0574 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 25.5458, 34.4626, 20.0574 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 25.5458, 34.4626, 20.0574

Background



This preview shows how black text looks on a background with the XYZ color 25.5458, 34.4626, 20.0574.



This preview shows how white text looks on a background with the XYZ color 25.5458, 34.4626,

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

25.5458, 34.4626, 20.0574

Protanopia

31.5712, 34.1316, 18.2887

Deuteranopia

34.5974, 33.9129, 20.6420



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

25.5458, 34.4626, 20.0574

Protanomaly

29.0775, 34.1259, 18.9643

Deuteranomaly

30.5173, 33.5385, 20.4879

Tritanomaly

28.5096, 34.2853, 34.8209

Monochromacy



Original Color

25.5458, 34.4626, 20.0574

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.4153, 31.7784, 27.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5458, 34.4626, 20.0574 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, 171, 110)` looks like.

```
.text, #text, p{  
    color:rgb(123, 171, 110)  
}
```

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, 171, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 171, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.5458, 34.4626, 20.0574 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, 171, 110) }
```


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

```
.border{ border-color:rgb(123, 171, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 171, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 171, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 171, 110);  
box-shadow:4px 4px 4px 4px rgb(123, 171,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5458, 34.4626, 20.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 171, 110) }
```

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

```
.background{ background-color: rgb(123,  
171, 110) }
```

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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