

Converting Colors

XYZ(25.1166, 34.5244, 5.3401)

Have a look what the booklet for
XYZ(25.1166, 34.5244, 5.3401)
contains.

XYZ(25.2104, 34.6148, 5.3526)	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(25.2104, 34.6148,
5.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAB00
RGB	139, 171, 0
RGB Percent	55%, 67%, 0%
CMY	0.4549, 0.3294, 0.9999
CMYK	0.19, 0.00, 1.00, 0.33
HSL	71°, 100%, 34%
HSV	71°, 100%, 67%
XYZ	25.2104, 34.6148, 5.3526
YIQ	141.9380, 35.8190, -59.9650

Conversions

Conversions Part 2

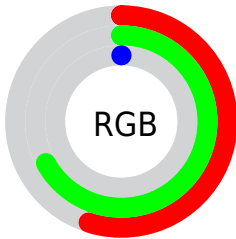
Format	Color
RYB	0, 171, 32
Decimal	9153280
CIELab	65.45, -29.81, 67.16
CIELCh	65, 73.481, 113.936
Yxy	34.6148, 0.3868, 0.5311
Android (android.graphics.Color)	4287343360 (0xFF8BAB00)
YUV	141.9380, -69.9754, -2.5766
Hunter-Lab	58.8343, -26.4732, 35.7900

Details

The XYZ color **25.2104, 34.6148, 5.3526** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.9476, 3.2482, 38.7382**, and the grayscale version is **25.9464, 27.2977, 29.7271**.

A 20% lighter version of the original color is **51.2658, 66.6503, 17.0003**, and **10.2530, 15.0785, 2.3700** is the 20% darker color. If you saturate the color by 10%, you get **25.2106, 34.6161, 5.3528**, and if you desaturate by 10%, it is **25.8555, 34.9368, 5.9159**.

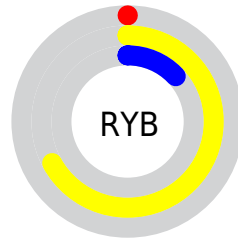
Distribution



Red (55%)

Green (67%)

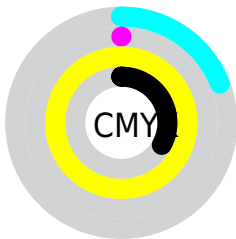
Blue (0%)



Red (0%)

Yellow (67%)

Blue (13%)

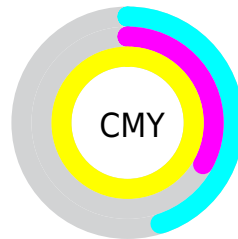


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2104, 34.6148, 5.3526 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 25.2104, 34.6148, 5.3526 by changing the saturation by 10% instead.

■ 25.2104, 34.6148,
5.3526

■ 25.2104, 34.6148,
5.3526

271.2125,
322.8648, 162.2458

■ 16.3634, 23.3663,
2.3933

■ 51.4388, 66.8886,
17.0254

■ 9.8742, 14.8642,
0.7828

■ 69.5509, 88.6827,
26.5760

■ 5.3772, 8.7241,
0.0000

■ 91.4822, 114.7608,
39.1608

■ 2.5073, 4.5617,
0.0000

■ 117.5979,
145.5072, 55.1982

■ 0.8989, 1.9925,
0.0000

■ 148.2634,
181.3065, 75.1069

■ 0.0000, 0.6031,
0.0000

■ 183.8441,

■ 0.0000, 0.0000,

222.5429, 99.3053

0.0000

224.7054,
269.6009, 128.2121

25.2104, 34.6148,
5.3526

25.2104, 34.6148,
5.3526

25.2106, 34.6161,
5.3528

25.8555, 34.9368,
5.9159

26.6035, 35.3004,
6.9414

27.4902, 35.7214,
8.6148

28.5319, 36.2062,
11.0207

29.7423, 36.7604,
14.2306

■ 31.1335, 37.3889,
18.3078

■ 32.7165, 38.0959,
23.3090

■ 34.5013, 38.8855,
29.2864

■ 36.4971, 39.7614,
36.2881

Harmonies

Analogous

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



35.1314, 34.6148, 4.1593



25.2104, 34.6148, 5.3526



18.8668, 34.6148, 12.4870

Triad

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



25.2104, 34.6148, 5.3526



22.1756, 34.6148, 108.5989



58.0160, 34.6148, 44.2920

Complementary

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



25.2104, 34.6148, 5.3526



7.9476, 3.2482, 38.7382

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.



52.5849, 34.6148, 84.3508



25.2104, 34.6148, 5.3526



30.7657, 34.6148, 132.4476

Square

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



25.2104, 34.6148, 5.3526



17.4001, 34.6148, 67.1503



42.0137, 34.6148, 121.7534



55.6252, 34.6148, 18.4209

Rectangle

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



25.2104, 34.6148, 5.3526



16.7734, 34.6148, 23.5738



42.0137, 34.6148, 121.7534



57.0131, 34.6148, 56.5466

Sweetspot

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



25.2112, 34.6164, 5.3533



58.4284, 68.1520, 41.2156



17.2951, 9.6575, 0.9530



12.7632, 15.0794, 8.3360



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.



25.2112, 34.6164, 5.3533



44.9797, 61.9053, 9.5782



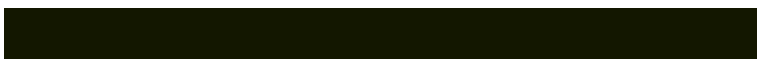
16.0938, 29.9162, 4.9266



8.5135, 9.2533, 8.5507



19.0454, 26.1153, 4.0370



0.5673, 0.7458, 0.1141

Inverse Universe

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



7.9476, 3.2482, 38.7382



14.1002, 5.7482, 69.3682



14.6683, 6.7129, 39.0528



7.7136, 7.8267, 10.0568



6.0246, 2.4657, 29.2029



0.2079, 0.0894, 0.8143

Previews

White Background



This preview shows how the XYZ color 25.2104, 34.6148, 5.3526 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 25.2104, 34.6148, 5.3526 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 25.2104, 34.6148, 5.3526

Background



This preview shows how black text looks on a background with the XYZ color 25.2104, 34.6148, 5.3526.



This preview shows how white text looks on a background with the XYZ color 25.2104, 34.6148,

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

25.2104, 34.6148, 5.3526

Protanopia

30.9885, 34.3800, 5.0027

Deuteranopia

34.9601, 34.1858, 5.9842



Tritanopia

32.9814, 34.5471, 43.9597

Trichromacy



Original Color

25.2104, 34.6148, 5.3526

Protanomaly

28.4070, 34.0869, 5.0822

Deuteranomaly

30.7045, 33.9657, 5.5538

Tritanomaly

28.0703, 33.5944, 19.4729

Monochromacy



Original Color

25.2104, 34.6148, 5.3526

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.2212, 29.1834, 14.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2104, 34.6148, 5.3526 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(139, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 0)  
}
```

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(139, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2104, 34.6148, 5.3526 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(139, 171, 0) }
```


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

```
.border{ border-color:rgb(139, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2104, 34.6148, 5.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 0) }
```

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

```
.background{ background-color: rgb(139,  
171, 0) }
```

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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