

Converting Colors

XYZ(25.0950, 36.0342, 5.6326)

Have a look what the booklet for
XYZ(25.0950, 36.0342, 5.6326)
contains.

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Color

**XYZ(25.0411, 35.9562,
5.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	84B000
RGB	132, 176, 0
RGB Percent	52%, 69%, 0%
CMY	0.4824, 0.3098, 0.9999
CMYK	0.25, 0.00, 1.00, 0.31
HSL	75°, 100%, 35%
HSV	75°, 100%, 69%
XYZ	25.0411, 35.9562, 5.6204
YIQ	142.7800, 30.2720, -64.0640

Conversions

Conversions Part 2

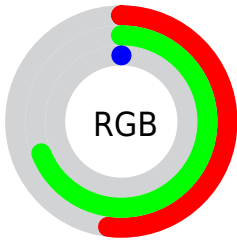
Format	Color
RYB	0, 176, 44
Decimal	8695808
CIELab	66.49, -35.01, 67.75
CIElCh	66, 76.262, 117.328
Yxy	35.9562, 0.3759, 0.5397
Android (android.graphics.Color)	4286885888 (0xFF84B000)
YUV	142.7800, -70.3905, -9.4541
Hunter-Lab	59.9635, -30.3935, 36.4172

Details

The XYZ color **25.0411, 35.9562, 5.6204** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.8766, 3.6710, 41.3171**, and the grayscale version is **26.2857, 27.6546, 30.1158**.

A 20% lighter version of the original color is **51.1824, 69.0679, 17.6550**, and **10.0634, 15.7024, 2.5005** is the 20% darker color. If you saturate the color by 10%, you get **25.0412, 35.9574, 5.6207**, and if you desaturate by 10%, it is **25.8507, 36.3625, 6.2121**.

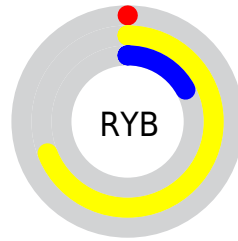
Distribution



Red (52%)

Green (69%)

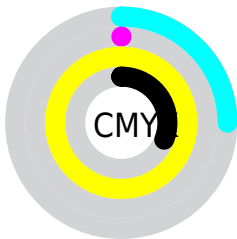
Blue (0%)



Red (0%)

Yellow (69%)

Blue (17%)

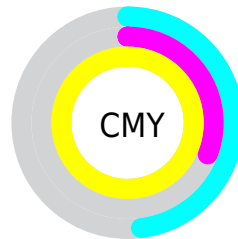


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (48%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0411, 35.9562, 5.6204 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 25.0411, 35.9562, 5.6204 by changing the saturation by 10% instead.


 25.0411, 35.9562,
5.6204


 25.0411, 35.9562,
5.6204


270.3864,
328.7691, 164.8205


 16.2366, 24.4004,
2.5506


 51.1663, 68.9645,
17.6016

 9.7836, 15.6309,
0.8668


 69.2177, 91.1857,
27.3502


 5.3169, 9.2633,
0.0000


 91.0821, 117.7308,
40.1620

 2.4710, 4.9133,
0.0000

 117.1248,
148.9843, 56.4558

 0.8807, 2.1965,
0.0000

 147.7113,
185.3304, 76.6500

 0.0000, 0.7181,
0.0000

 183.2068,

 0.0000, 0.0000,

227.1537, 101.1631

0.0000

223.9767,
274.8384, 130.4138

■ 25.0411, 35.9562,
5.6204

■ 25.0411, 35.9562,
5.6204

■ 25.0412, 35.9574,
5.6207

■ 25.8507, 36.3625,
6.2121

■ 26.7835, 36.8202,
7.3024

■ 27.8773, 37.3457,
9.0853

■ 29.1496, 37.9462,
11.6517

■ 30.6155, 38.6275,
15.0787

■ 32.2882, 39.3951,
19.4341

■ 34.1795, 40.2538,
24.7791

■ 36.3004, 41.2079,
31.1695

■ 38.6610, 42.2616,
38.6571

Harmonies

Analogous

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



35.2108, 35.9562, 3.9199



25.0411, 35.9562, 5.6204



18.8050, 35.9562, 14.0434

Triad

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



25.0411, 35.9562, 5.6204



23.6253, 35.9562, 119.6968



61.1853, 35.9562, 42.1605

Complementary

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



25.0411, 35.9562, 5.6204



8.8766, 3.6710, 41.3171

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.



56.2303, 35.9562, 83.9408



25.0411, 35.9562, 5.6204



33.1602, 35.9562, 141.7784

Square

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



25.0411, 35.9562, 5.6204



18.1249, 35.9562, 75.7652



45.2977, 35.9562, 125.9893



57.6713, 35.9562, 16.7706

Rectangle

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



25.0411, 35.9562, 5.6204



16.8966, 35.9562, 26.8954



45.2977, 35.9562, 125.9893



60.4338, 35.9562, 54.6555

Sweetspot

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



25.0419, 35.9578, 5.6212



61.7936, 72.9160, 44.3739



18.8067, 11.0329, 1.1388



13.0774, 15.6597, 8.7135



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0419, 35.9578, 5.6212



45.1965, 65.0995, 10.1834



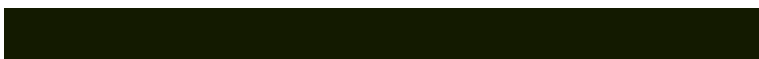
16.5655, 31.5880, 5.2245



8.9854, 9.7976, 9.0701



18.4278, 26.4100, 4.1264



0.6294, 0.8565, 0.1322

Inverse Universe

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



8.8766, 3.6710, 41.3171



15.9221, 6.5663, 74.9235



17.3539, 8.0412, 41.7138



8.2345, 8.3294, 10.6801



6.5586, 2.7169, 30.3157



0.2607, 0.1135, 0.9564

Previews

White Background



This preview shows how the XYZ color 25.0411, 35.9562, 5.6204 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 25.0411, 35.9562, 5.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

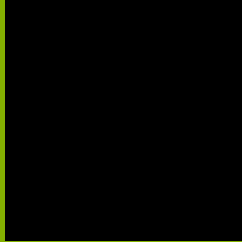
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0411, 35.9562, 5.6204

Background



This preview shows how black text looks on a background with the XYZ color 25.0411, 35.9562, 5.6204.



This preview shows how white text looks on a background with the XYZ color 25.0411, 35.9562,

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

25.0411, 35.9562, 5.6204

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.2943, 35.5888, 6.3952



Tritanopia

33.4240, 36.0211, 46.7861

Trichromacy



Original Color

25.0411, 35.9562, 5.6204

Protanomaly

29.1286, 35.5299, 5.3227

Deuteranomaly

31.0117, 34.8910, 5.8096

Tritanomaly

28.1386, 34.9483, 20.8854

Monochromacy



Original Color

25.0411, 35.9562, 5.6204

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.2571, 29.6870, 14.3492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0411, 35.9562, 5.6204 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(132, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 176, 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(132, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 176, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.0411, 35.9562, 5.6204 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(132, 176, 0) }
```


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

```
.border{ border-color:rgb(132, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 176,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0411, 35.9562, 5.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 176, 0) }
```

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

```
.background{ background-color: rgb(132,  
176, 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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