

Converting Colors

XYZ(44.2088, 56.1267, 25.5562)

Have a look what the booklet for
XYZ(44.2088, 56.1267, 25.5562)
contains.

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Color

**XYZ(44.4306, 56.3739,
25.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D176
RGB	178, 209, 118
RGB Percent	70%, 82%, 46%
CMY	0.3020, 0.1804, 0.5372
CMYK	0.15, 0.00, 0.44, 0.18
HSL	80°, 50%, 64%
HSV	80°, 44%, 82%
XYZ	44.4306, 56.3739, 25.6791
YIQ	189.3570, 10.7350, -34.8730

Conversions

Conversions Part 2

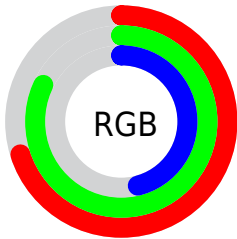
Format	Color
RYB	118, 209, 149
Decimal	11719030
CIELab	79.83, -25.00, 41.65
CIELCh	80, 48.575, 120.970
Yxy	56.3739, 0.3513, 0.4457
Android (android.graphics.Color)	4289909110 (0xFFB2D176)
YUV	189.3570, -35.1790, -9.9601
Hunter-Lab	75.0826, -25.7659, 32.2799

Details

The XYZ color **44.4306, 56.3739, 25.6791** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **30.3838, 23.9515, 63.3465**, and the grayscale version is **48.7665, 51.3062, 55.8724**.

A 20% lighter version of the original color is **77.4673, 92.1607, 52.7356**, and **20.8809, 27.8015, 9.5759** is the 20% darker color. If you saturate the color by 10%, you get **41.7324, 55.1127, 19.7725**, and if you desaturate by 10%, it is **47.4916, 57.7939, 33.0413**.

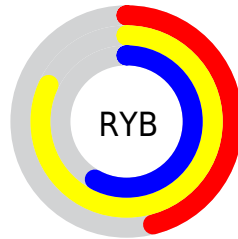
Distribution



Red (70%)

Green (82%)

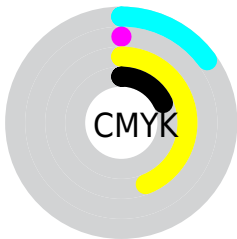
Blue (46%)



Red (46%)

Yellow (82%)

Blue (58%)

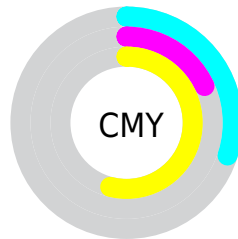


Cyan (15%)

Magenta (0%)

Yellow (44%)

Black (18%)



Cyan (30%)

Magenta (18%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4306, 56.3739, 25.6791 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 44.4306, 56.3739, 25.6791 by changing the saturation by 10% instead.

■ 44.4306, 56.3739,
25.6791

■ 44.4306, 56.3739,
25.6791

355.2852,
411.0991, 294.7584

■ 31.2085, 40.5028,
16.3601

■ 81.1076, 99.5510,
53.7345

■ 20.9103, 27.9308,
9.6222

■ 105.2933,
127.6259, 73.3080

■ 13.1705, 18.2735,
5.0469

■ 133.8643,
160.5374, 97.1368

■ 7.6239, 11.1465,
2.2156

167.1858,
198.6700, 125.6394

■ 3.9050, 6.1655,
0.6833

205.6233,
242.4080, 159.2343

■ 1.6485, 2.9460,
0.0000

249.5421,

■ 0.4237, 1.1036,

292.1360, 198.3401

0.0000

299.3076,
348.2382, 243.3753

■ 0.0000, 0.0000,
0.0000

■ 44.4306, 56.3739,
25.6791

■ 44.4306, 56.3739,
25.6791

■ 41.7324, 55.1127,
19.7725

■ 47.4916, 57.7939,
33.0413

■ 39.3732, 53.9948,
15.2212

■ 50.9292, 59.3726,
41.9435

■ 37.3325, 53.0138,
11.9175


■ 54.7614, 61.1192,
52.4680


■ 35.5852, 52.1594,
9.7361


■ 59.0036, 63.0400,
64.6901


■ 34.1010, 51.4196,
8.5256


■ 63.6705, 65.1411,
78.6804

 33.2492, 50.9892,
8.0895

 68.7759, 67.4280,
94.5056

 72.7978, 69.2922,
104.1456

 75.1017, 70.4799,
104.2534

 77.4998, 71.7161,
104.3657

Harmonies

Analogous

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



53.2623, 56.3739, 21.6030



44.4306, 56.3739, 25.6791



38.6939, 56.3739, 38.6793

Triad

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



44.4306, 56.3739, 25.6791



44.9217, 56.3739, 121.9322



74.7929, 56.3739, 60.4695

Complementary

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



44.4306, 56.3739, 25.6791



30.3838, 23.9515, 63.3465

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.



71.8688, 56.3739, 91.5805



44.4306, 56.3739, 25.6791



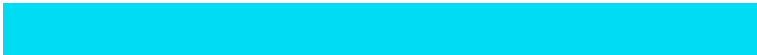
53.9024, 56.3739, 132.9865

Square

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



44.4306, 56.3739, 25.6791



38.9521, 56.3739, 93.6693



63.9102, 56.3739, 120.4893



71.4803, 56.3739, 37.5240

Rectangle

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



44.4306, 56.3739, 25.6791



36.9963, 56.3739, 53.2704



63.9102, 56.3739, 120.4893



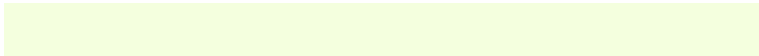
74.5040, 56.3739, 70.2770

Sweetspot

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



44.4320, 56.3764, 25.6803



86.1309, 95.9664, 82.9857



40.2089, 36.1497, 21.9987



18.1354, 20.4044, 16.9201



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.4320, 56.3764, 25.6803



65.8256, 86.6107, 31.7907



35.7715, 51.9118, 25.2750



12.3960, 13.5876, 12.5814



20.6086, 31.4931, 4.9926



1.2354, 1.8037, 0.2830

Inverse Universe

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



30.3838, 23.9515, 63.3465



41.1173, 29.5160, 98.1378



40.1945, 29.0091, 63.8056



11.5380, 11.6106, 14.8766



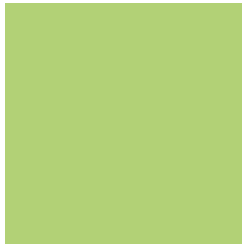
8.8027, 3.7182, 37.4462



0.5763, 0.2513, 2.0977

Previews

White Background



This preview shows how the XYZ color 44.4306, 56.3739, 25.6791 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 44.4306, 56.3739, 25.6791 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 44.4306, 56.3739, 25.6791

Background



This preview shows how black text looks on a background with the XYZ color 44.4306, 56.3739, 25.6791.



This preview shows how white text looks on a background with the XYZ color 44.4306, 56.3739,

25.6791.

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

44.4306, 56.3739, 25.6791

Protanopia

51.8466, 56.3548, 24.0645

Deuteranopia

57.3694, 56.1760, 26.5582



Tritanopia

53.8175, 56.3196, 71.6526

Trichromacy



Original Color

44.4306, 56.3739, 25.6791

Protanomaly

48.8436, 56.1754, 24.4883

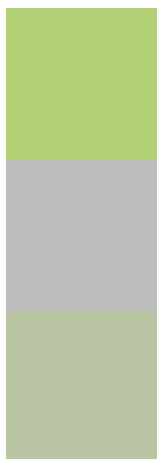
Deuteranomaly

51.8064, 55.6120, 26.0929

Tritanomaly

49.5069, 55.9348, 50.8350

Monochromacy



Original Color

44.4306, 56.3739, 25.6791

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.3584, 52.4385, 42.3286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4306, 56.3739, 25.6791 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(178, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 118)  
}
```

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(178, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 118) }
```

Border

The CSS property to change the border of an element to XYZ 44.4306, 56.3739, 25.6791 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(178, 209, 118) }
```


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

```
.border{ border-color:rgb(178, 209, 118) }
```

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

Here you see how a box with a 4 pixel rgb(178, 209, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(178, 209,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4306, 56.3739, 25.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 118) }
```

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

```
.background{ background-color: rgb(178,  
209, 118) }
```

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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