

Converting Colors

XYZ(35.5076, 46.5228, 26.1771)

Have a look what the booklet for
XYZ(35.5076, 46.5228, 26.1771)
contains.

XYZ(35.5076, 46.5228, 26.1771)	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(35.5076, 46.5228,
26.1771)**

Conversions

Conversions Part 1

Format	Color
Hex	96C27C
RGB	150, 194, 124
RGB Percent	59%, 76%, 49%
CMY	0.4118, 0.2392, 0.5137
CMYK	0.23, 0.00, 0.36, 0.24
HSL	98°, 36%, 62%
HSV	98°, 36%, 76%
XYZ	35.5076, 46.5228, 26.1771
YIQ	172.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

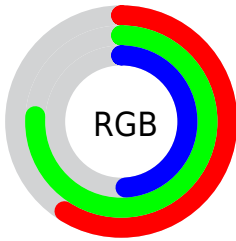
Format	Color
RYB	124, 194, 168
Decimal	9880188
CIELab	73.88, -27.32, 30.61
CIELCh	74, 41.031, 131.751
Yxy	46.5228, 0.3281, 0.4299
Android (android.graphics.Color)	4288070268 (0xFF96C27C)
YUV	172.8640, -24.0900, -20.0517
Hunter-Lab	68.2076, -26.4396, 24.9907

Details

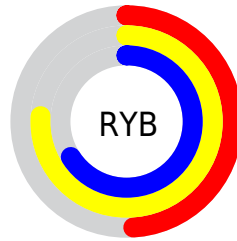
The XYZ color **35.5076, 46.5228, 26.1771** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.0955, 26.6364, 54.4384**, and the grayscale version is **39.7725, 41.8437, 45.5678**.

A 20% lighter version of the original color is **67.6098, 85.1478, 54.4667**, and **15.6511, 21.8472, 9.8706** is the 20% darker color. If you saturate the color by 10%, you get **32.2712, 44.9839, 20.2394**, and if you desaturate by 10%, it is **39.2213, 48.2827, 33.3990**.

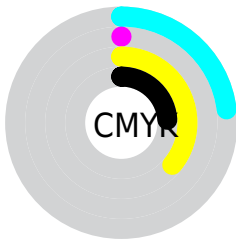
Distribution



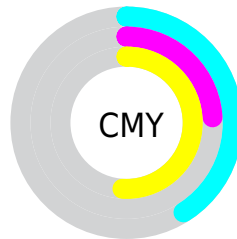
- Red (59%)
- Green (76%)
- Blue (49%)



- Red (49%)
- Yellow (76%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5076, 46.5228, 26.1771 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 35.5076, 46.5228, 26.1771 by changing the saturation by 10% instead.

■ 35.5076, 46.5228,
26.1771

■ 35.5076, 46.5228,
26.1771

318.2721,
372.9065, 297.2835

■ 24.2225, 32.6586,
16.7292

■ 67.6002, 85.0009,
54.5481

■ 15.6244, 21.8650,
9.8817

■ 89.1385, 110.3835,
74.3083

■ 9.3479, 13.7577,
5.2160

■ 114.8251,
140.3744, 98.3430

■ 5.0277, 7.9524,
2.3136

145.0255,
175.3579, 127.0708

■ 2.2985, 4.0645,
0.7388

180.1051,
215.7185, 160.9102

■ 0.7939, 1.7097,
0.0000

220.4291,

■ 0.0000, 0.4299,

261.8406, 200.2798

0.0000

266.3630,
314.1084, 245.5980

■ 0.0000, 0.0000,
0.0000

■ 35.5076, 46.5228,
26.1771

■ 35.5076, 46.5228,
26.1771

■ 32.2712, 44.9839,
20.2394

■ 39.2213, 48.2827,
33.3990

■ 29.4873, 43.6506,
15.5075

■ 43.4287, 50.2663,
41.9712

■ 27.1339, 42.5148,
11.8996


■ 48.1496, 52.4839,
51.9588


■ 25.1854, 41.5653,
9.3218


■ 53.4016, 54.9431,
63.4219

■ 23.6128, 40.7897,
7.6656


■ 59.2015, 57.6514,
76.4170

 22.3813, 40.1728,
6.7927

 65.5652, 60.6159,
90.9978

 21.9692, 39.9652,
6.5562

 71.7247, 63.5300,
103.0900

 75.8987, 65.6818,
103.2853

 78.5827, 67.0654,
103.4109

Harmonies

Analogous

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



41.4185, 46.5228, 20.5923



35.5076, 46.5228, 26.1771



32.1731, 46.5228, 39.0719

Triad

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



35.5076, 46.5228, 26.1771



39.9635, 46.5228, 99.2804



59.4484, 46.5228, 42.8949

Complementary

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



35.5076, 46.5228, 26.1771



33.0955, 26.6364, 54.4384

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.



58.9478, 46.5228, 64.3281



35.5076, 46.5228, 26.1771



47.1420, 46.5228, 101.1403

Square

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



35.5076, 46.5228, 26.1771



34.5437, 46.5228, 82.4492



54.2489, 46.5228, 86.9919



55.5495, 46.5228, 28.3090

Rectangle

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



35.5076, 46.5228, 26.1771



31.6102, 46.5228, 51.8951



54.2489, 46.5228, 86.9919



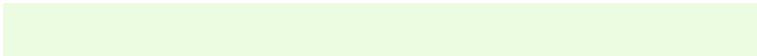
59.7998, 46.5228, 49.4357

Sweetspot

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



35.5088, 46.5248, 26.1781



82.7580, 92.9838, 84.5917



39.7373, 40.6249, 24.8164



17.8662, 20.2418, 17.9827



0.0000, 0.0000, 0.0000



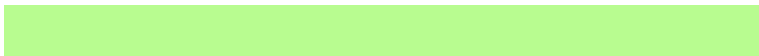
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5088, 46.5248, 26.1781



59.7964, 82.1310, 39.0454



31.7816, 44.5412, 28.8127



10.2899, 11.4369, 10.7271



14.5271, 26.3179, 4.3142



0.7040, 1.1765, 0.1900

Inverse Universe

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



33.0955, 26.6364, 54.4384



54.7894, 40.9888, 97.4937



38.3027, 29.4239, 50.0243



10.1230, 10.0545, 12.6920



11.7672, 5.3267, 33.9646



0.5825, 0.2683, 1.4710

Previews

White Background



This preview shows how the XYZ color 35.5076, 46.5228, 26.1771 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 35.5076, 46.5228, 26.1771 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 35.5076, 46.5228, 26.1771

Background



This preview shows how black text looks on a background with the XYZ color 35.5076, 46.5228, 26.1771.



This preview shows how white text looks on a background with the XYZ color 35.5076, 46.5228,

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

35.5076, 46.5228, 26.1771

Protanopia

42.8796, 46.2500, 24.1199

Deuteranopia

46.9303, 45.9192, 27.1587



Tritanopia

42.5581, 46.5028, 60.7657

Trichromacy



Original Color

35.5076, 46.5228, 26.1771

Protanomaly

39.8325, 46.2016, 24.9076

Deuteranomaly

41.8405, 45.6564, 26.6860

Tritanomaly

39.5302, 46.2141, 45.8665

Monochromacy



Original Color

35.5076, 46.5228, 26.1771

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.9573, 43.4136, 37.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5076, 46.5228, 26.1771 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(150, 194, 124)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 124)  
}
```

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(150, 194, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 124) }
```

Border

The CSS property to change the border of an element to XYZ 35.5076, 46.5228, 26.1771 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(150, 194, 124) }
```


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

```
.border{ border-color:rgb(150, 194, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 194, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 194, 124);  
box-shadow:4px 4px 4px 4px rgb(150, 194,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5076, 46.5228, 26.1771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 124) }
```

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

```
.background{ background-color: rgb(150,  
194, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor