

Converting Colors

XYZ(35.2574, 45.4029, 22.8553)

Have a look what the booklet for
XYZ(35.2574, 45.4029, 22.8553)
contains.

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Color

**XYZ(35.3784, 45.5444,
22.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBF72
RGB	156, 191, 114
RGB Percent	61%, 75%, 45%
CMY	0.3882, 0.2510, 0.5529
CMYK	0.18, 0.00, 0.40, 0.25
HSL	87°, 38%, 60%
HSV	87°, 40%, 75%
XYZ	35.3784, 45.5444, 22.8459
YIQ	171.7570, 3.8570, -31.3670

Conversions

Conversions Part 2

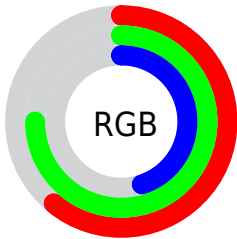
Format	Color
RYB	114, 191, 149
Decimal	10272626
CIELab	73.25, -25.02, 35.03
CIELCh	73, 43.053, 125.539
Yxy	45.5444, 0.3409, 0.4389
Android (android.graphics.Color)	4288462706 (0xFF9CBF72)
YUV	171.7570, -28.4742, -13.8189
Hunter-Lab	67.4866, -24.5267, 27.1695

Details

The XYZ color **35.3784, 45.5444, 22.8459** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **27.8175, 22.1870, 52.1091**, and the grayscale version is **39.2288, 41.2718, 44.9450**.

A 20% lighter version of the original color is **67.3872, 83.3086, 49.0877**, and **15.4646, 21.1451, 8.1168** is the 20% darker color. If you saturate the color by 10%, you get **32.7825, 44.3204, 17.6299**, and if you desaturate by 10%, it is **38.3237, 46.9252, 29.2651**.

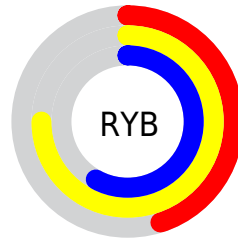
Distribution



Red (61%)

Green (75%)

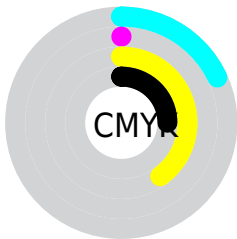
Blue (45%)



Red (45%)

Yellow (75%)

Blue (58%)

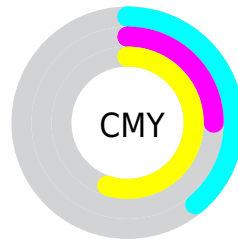


Cyan (18%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3784, 45.5444, 22.8459 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 35.3784, 45.5444, 22.8459 by changing the saturation by 10% instead.

■ 35.3784, 45.5444,
22.8459

■ 35.3784, 45.5444,
22.8459

317.7143,
368.9739, 280.0287

■ 24.1224, 31.8864,
14.2755

■ 67.4017, 83.5367,
49.0602

■ 15.5497, 21.2748,
8.1716

■ 88.8997, 108.6399,
67.5411

■ 9.2949, 13.3250,
4.1156

■ 114.5425,
138.3270, 90.1627

■ 4.9927, 7.6527,
1.6890

144.6953,
172.9823, 117.3434

■ 2.2777, 3.8736,
0.3532

179.7235,
212.9902, 149.5019

■ 0.7832, 1.6031,
0.0000

219.9925,

■ 0.0000, 0.3597,

258.7352, 187.0565

0.0000

265.8676,
310.6017, 230.4260

■ 0.0000, 0.0000,
0.0000

■ 35.3784, 45.5444,
22.8459

■ 35.3784, 45.5444,
22.8459

■ 32.7825, 44.3204,
17.6299

■ 38.3237, 46.9252,
29.2651

■ 30.5160, 43.2401,
13.5391

■ 41.6305, 48.4631,
36.9532

■ 28.5614, 42.2980,
10.4909


■ 45.3143, 50.1663,
45.9747


■ 26.8982, 41.4853,
8.3899


■ 49.3886, 52.0404,
56.3887


■ 25.5021, 40.7922,
7.1235


■ 53.8661, 54.0908,
68.2510

 24.3613, 40.2171,
6.4787

 58.7591, 56.3225,
81.6141

 64.0790, 58.7404,
96.5280

 67.8773, 60.5654,
102.7205

 70.6610, 62.0004,
102.8508

Harmonies

Analogous

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



41.9009, 45.5444, 18.6270



35.3784, 45.5444, 22.8459



31.3612, 45.5444, 34.2743

Triad

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



35.3784, 45.5444, 22.8459



37.5450, 45.5444, 97.9457



59.4257, 45.5444, 45.6802

Complementary

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



35.3784, 45.5444, 22.8459



27.8175, 22.1870, 52.1091

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.



57.9112, 45.5444, 68.8995



35.3784, 45.5444, 22.8459



44.7066, 45.5444, 103.6276

Square

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



35.3784, 45.5444, 22.8459



32.5064, 45.5444, 77.9318



52.2978, 45.5444, 91.7566



56.2248, 45.5444, 29.1175

Rectangle

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



35.3784, 45.5444, 22.8459



30.3554, 45.5444, 46.4223



52.2978, 45.5444, 91.7566



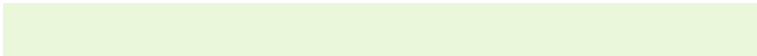
59.4552, 45.5444, 52.8988

Sweetspot

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



35.3795, 45.5464, 22.8469



79.8642, 89.2486, 79.1195



35.2170, 33.6772, 20.5645



17.3411, 19.5075, 16.8877



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.3795, 45.5464, 22.8469



59.3942, 79.6980, 32.8902



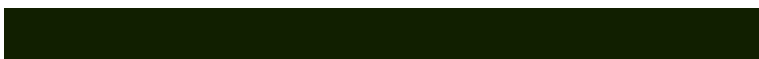
29.1203, 42.3196, 22.5540



9.8926, 10.8990, 10.1590



16.1030, 26.4773, 4.2619



0.7053, 1.0755, 0.1704

Inverse Universe

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



27.8175, 22.1870, 52.1091



44.0750, 32.3556, 92.2014



35.9533, 26.3812, 52.4898



9.4174, 9.4320, 11.9964



8.8429, 3.8448, 32.6689



0.4218, 0.1895, 1.2832

Previews

White Background



This preview shows how the XYZ color 35.3784, 45.5444, 22.8459 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 35.3784, 45.5444, 22.8459 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 35.3784, 45.5444, 22.8459

Background



This preview shows how black text looks on a background with the XYZ color 35.3784, 45.5444, 22.8459.



This preview shows how white text looks on a background with the XYZ color 35.3784, 45.5444,

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

35.3784, 45.5444, 22.8459

Protanopia

41.6995, 45.1018, 21.2596

Deuteranopia

46.0469, 45.2601, 23.4487



Tritanopia

42.6361, 45.3581, 58.7324

Trichromacy



Original Color

35.3784, 45.5444, 22.8459

Protanomaly

38.8588, 44.8384, 21.6455

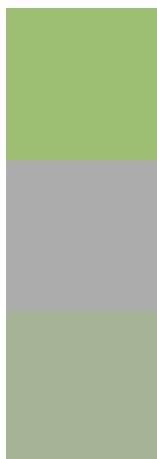
Deuteranomaly

41.5791, 44.9939, 23.3229

Tritanomaly

39.5417, 45.3436, 42.7445

Monochromacy



Original Color

35.3784, 45.5444, 22.8459

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.4319, 42.5816, 35.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3784, 45.5444, 22.8459 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(156, 191, 114)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 114)  
}
```

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(156, 191, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.3784, 45.5444, 22.8459 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(156, 191, 114) }
```


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

```
.border{ border-color:rgb(156, 191, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 191, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 191, 114);  
box-shadow:4px 4px 4px 4px rgb(156, 191,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3784, 45.5444, 22.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 114) }
```

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

```
.background{ background-color: rgb(156,  
191, 114) }
```

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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