

Converting Colors

XYZ(45.5767, 54.6526, 23.8909)

Have a look what the booklet for
XYZ(45.5767, 54.6526, 23.8909)
contains.

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Color

**XYZ(45.3364, 54.3805,
23.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	BECA71
RGB	190, 202, 113
RGB Percent	75%, 79%, 44%
CMY	0.2549, 0.2078, 0.5569
CMYK	0.06, 0.00, 0.44, 0.21
HSL	68°, 46%, 62%
HSV	68°, 44%, 79%
XYZ	45.3364, 54.3805, 23.7298
YIQ	188.2660, 21.4170, -30.2230

Conversions

Conversions Part 2

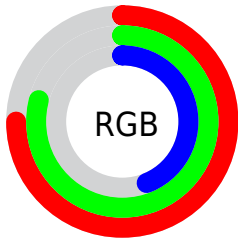
Format	Color
RYB	113, 202, 125
Decimal	12503665
CIELab	78.68, -17.45, 42.89
CIELCh	79, 46.303, 112.140
Yxy	54.3805, 0.3673, 0.4405
Android (android.graphics.Color)	4290693745 (0xFFBECA71)
YUV	188.2660, -37.1061, 1.5207
Hunter-Lab	73.7431, -19.3108, 32.5413

Details

The XYZ color **45.3364, 54.3805, 23.7298** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0253, 20.4359, 58.5059**, and the grayscale version is **48.1484, 50.6558, 55.1642**.

A 20% lighter version of the original color is **81.3543, 94.2296, 49.9767**, and **21.4511, 26.6785, 8.5763** is the 20% darker color. If you saturate the color by 10%, you get **43.6497, 53.6298, 18.3610**, and if you desaturate by 10%, it is **47.2916, 55.2439, 30.4345**.

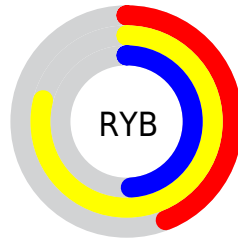
Distribution



Red (75%)

Green (79%)

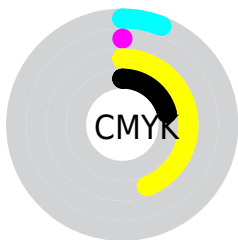
Blue (44%)



Red (44%)

Yellow (79%)

Blue (49%)

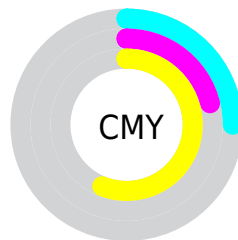


Cyan (6%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (25%)

Magenta (21%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3364, 54.3805, 23.7298 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 45.3364, 54.3805, 23.7298 by changing the saturation by 10% instead.

■ 45.3364, 54.3805,
23.7298

■ 45.3364, 54.3805,
23.7298

358.8951,
403.5593, 284.6940

■ 31.9249, 38.9059,
14.9230

■ 82.4589, 96.6327,
50.5272

■ 21.4594, 26.6866,
8.6193

■ 106.9007,
124.1791, 69.3549

■ 13.5746, 17.3380,
4.4003

■ 135.7499,
156.5183, 92.3598

■ 7.9051, 10.4757,
1.8474

169.3719,
194.0346, 119.9607

■ 4.0856, 5.7155,
0.4590

208.1321,
237.1125, 152.5761

■ 1.7507, 2.6729,
0.0000

252.3957,

■ 0.4877, 0.9634,

286.1363, 190.6243

0.0000

302.5283,
341.4905, 234.5242

■ 0.0000, 0.0000,
0.0000

■ 45.3364, 54.3805,
23.7298

■ 45.3364, 54.3805,
23.7298

■ 43.6497, 53.6298,
18.3610

■ 47.2916, 55.2439,
30.4345

■ 42.2105, 52.9777,
14.2353

■ 49.5269, 56.2188,
38.5530

■ 41.0009, 52.4189,
11.2533


■ 52.0579, 57.3135,
48.1612


■ 39.9989, 51.9446,
9.2990


■ 54.8977, 58.5333,
59.3286

■ 39.1778, 51.5441,
8.2319


■ 58.0588, 59.8831,
72.1203

 38.7466, 51.3294,
7.8654

 61.5531, 61.3676,
86.5978

 65.3915, 62.9913,
102.8194

 66.2650, 63.4306,
103.3585

 67.0562, 63.8384,
103.3956

Harmonies

Analogous

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



54.1304, 54.3805, 22.0110



45.3364, 54.3805, 23.7298



39.0046, 54.3805, 33.3596

Triad

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



45.3364, 54.3805, 23.7298



41.6243, 54.3805, 108.5622



71.1462, 54.3805, 66.3719

Complementary

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



45.3364, 54.3805, 23.7298



25.0253, 20.4359, 58.5059

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.



66.8578, 54.3805, 95.8284



45.3364, 54.3805, 23.7298



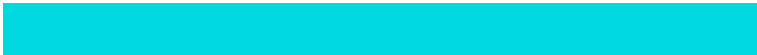
49.3183, 54.3805, 124.4580

Square

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



45.3364, 54.3805, 23.7298



37.0442, 54.3805, 80.3012



58.6046, 54.3805, 119.2143



69.7548, 54.3805, 42.1805

Rectangle

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



45.3364, 54.3805, 23.7298



36.6855, 54.3805, 45.0641



58.6046, 54.3805, 119.2143



70.3050, 54.3805, 76.0465

Sweetspot

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



45.3377, 54.3830, 23.7309



88.5387, 97.2077, 83.0983



34.6564, 28.3838, 19.2756



18.7340, 20.7129, 16.9481



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.



45.3377, 54.3830, 23.7309



73.9894, 90.8374, 31.3553



35.8921, 49.5136, 23.2889



11.9992, 13.0170, 11.9595



24.9866, 33.0564, 5.0636



1.3312, 1.7271, 0.2632

Inverse Universe

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



25.0253, 20.4359, 58.5059



35.2429, 26.0270, 97.7739



33.0086, 24.5514, 58.8795



10.7401, 10.9153, 14.1112



7.1988, 2.9187, 36.1402



0.4185, 0.1749, 1.8666

Previews

White Background



This preview shows how the XYZ color 45.3364, 54.3805, 23.7298 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 45.3364, 54.3805, 23.7298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

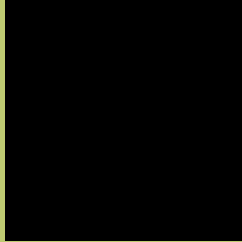
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3364, 54.3805, 23.7298

Background



This preview shows how black text looks on a background with the XYZ color 45.3364, 54.3805, 23.7298.



This preview shows how white text looks on a background with the XYZ color 45.3364, 54.3805,

23.7298.

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

45.3364, 54.3805, 23.7298

Protanopia

50.0611, 54.4521, 22.6237

Deuteranopia

55.3619, 54.2350, 24.3801



Tritanopia

53.8588, 54.1353, 66.0030

Trichromacy



Original Color

45.3364, 54.3805, 23.7298

Protanomaly

48.2402, 54.5150, 23.0188

Deuteranomaly

51.2154, 54.0203, 24.2506

Tritanomaly

49.9875, 53.8791, 46.7948

Monochromacy



Original Color

45.3364, 54.3805, 23.7298

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.4893, 51.5320, 41.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3364, 54.3805, 23.7298 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(190, 202, 113)` looks like.

```
.text, #text, p{  
    color:rgb(190, 202, 113)  
}
```

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(190, 202, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 202, 113) }
```

Border

The CSS property to change the border of an element to XYZ 45.3364, 54.3805, 23.7298 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(190, 202, 113) }
```


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

```
.border{ border-color:rgb(190, 202, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 202, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 202, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 202, 113);  
box-shadow:4px 4px 4px 4px rgb(190, 202,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3364, 54.3805, 23.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 202, 113) }
```

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

```
.background{ background-color: rgb(190,  
202, 113) }
```

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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