

Converting Colors

XYZ(45.2396, 54.6327, 25.9301)

Have a look what the booklet for
XYZ(45.2396, 54.6327, 25.9301)
contains.

XYZ(45.2396, 54.6327, 25.9301)	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(45.2396, 54.6327,
25.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCB78
RGB	187, 203, 120
RGB Percent	73%, 80%, 47%
CMY	0.2667, 0.2039, 0.5294
CMYK	0.08, 0.00, 0.41, 0.20
HSL	72°, 44%, 63%
HSV	72°, 41%, 80%
XYZ	45.2396, 54.6327, 25.9301
YIQ	188.7540, 17.1070, -29.2050

Conversions

Conversions Part 2

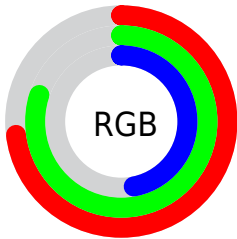
Format	Color
R_{YB}	120, 203, 136
Decimal	12307320
CIE _{Lab}	78.83, -18.36, 39.53
CIE _{LCh}	79, 43.585, 114.911
Yxy	54.6327, 0.3596, 0.4343
Android (android.graphics.Color)	4290497400 (0xFFBBCB78)
YUV	188.7540, -33.8957, -1.5383
Hunter-Lab	73.9139, -20.0971, 30.9399

Details

The XYZ color **45.2396, 54.6327, 25.9301** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.6514, 22.9804, 59.4813**, and the grayscale version is **48.4110, 50.9322, 55.4651**.

A 20% lighter version of the original color is **80.6111, 93.7702, 53.3860**, and **21.3373, 26.8301, 9.6844** is the 20% darker color. If you saturate the color by 10%, you get **43.1918, 53.7063, 20.0710**, and if you desaturate by 10%, it is **47.5775, 55.6819, 33.1683**.

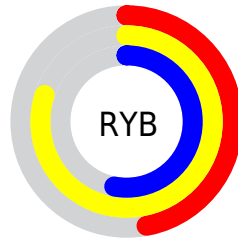
Distribution



Red (73%)

Green (80%)

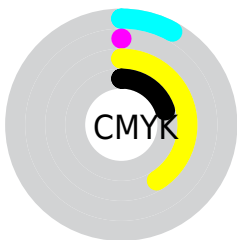
Blue (47%)



Red (47%)

Yellow (80%)

Blue (53%)

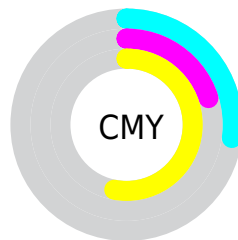


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2396, 54.6327, 25.9301 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 45.2396, 54.6327, 25.9301 by changing the saturation by 10% instead.


 45.2396, 54.6327,
25.9301


 45.2396, 54.6327,
25.9301


358.5105,
404.5181, 296.0333

 31.8483, 39.1077,
16.5461


 82.3147, 97.0026,
54.1449

 21.4006, 26.8435,
9.7529


 106.7292,
124.6163, 73.8127

 13.5313, 17.4558,
5.1319


 135.5487,
157.0284, 97.7455

 7.8749, 10.5600,
2.2648

169.1388,
194.6232, 126.3618

 4.0661, 5.7718,
0.7114

207.8646,
237.7852, 160.0802

 1.7396, 2.7068,
0.0000

252.0916,

 0.4809, 0.9807,

286.8988, 199.3192

0.0000

302.1851,
342.3483, 244.4974

■ 0.0000, 0.0000,
0.0000

■ 45.2396, 54.6327,
25.9301

■ 45.2396, 54.6327,
25.9301

■ 43.1918, 53.7063,
20.0710

■ 47.5775, 55.6819,
33.1683

■ 41.4130, 52.8887,
15.4998

■ 50.2167, 56.8528,
41.8621

■ 39.8860, 52.1747,
12.1199


■ 53.1729, 58.1535,
52.0866


■ 38.5893, 51.5558,
9.8196


■ 56.4593, 59.5894,
63.9107


■ 37.4973, 51.0217,
8.4658


■ 60.0884, 61.1655,
77.3990

 36.6382, 50.5919,
7.8342

 64.0720, 62.8865,
92.6126

 67.2559, 64.2908,
103.4723

 68.4150, 64.8883,
103.5266

 69.6018, 65.5002,
103.5821

Harmonies

Analogous

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



53.4142, 54.6327, 23.5690



45.2396, 54.6327, 25.9301



39.4861, 54.6327, 36.1152

Triad

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



45.2396, 54.6327, 25.9301



42.9512, 54.6327, 107.5210



70.2918, 54.6327, 63.8063

Complementary

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



45.2396, 54.6327, 25.9301



27.6514, 22.9804, 59.4813

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.



66.7393, 54.6327, 91.2378



45.2396, 54.6327, 25.9301



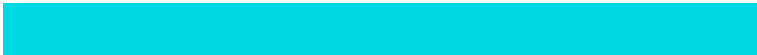
50.4671, 54.6327, 120.5666

Square

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



45.2396, 54.6327, 25.9301



38.2712, 54.6327, 81.8579



59.2424, 54.6327, 113.9051



68.4963, 54.6327, 41.6135

Rectangle

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



45.2396, 54.6327, 25.9301



37.4830, 54.6327, 47.9410



59.2424, 54.6327, 113.9051



69.6729, 54.6327, 72.7492

Sweetspot

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



45.2409, 54.6351, 25.9313



88.3713, 97.0816, 84.8867



36.7149, 31.4426, 21.9040



18.7701, 20.7158, 17.6614



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.



45.2409, 54.6351, 25.9313



72.7175, 90.1064, 34.6964



36.6525, 50.2076, 25.5293



11.9336, 12.9832, 11.9565



23.3888, 32.2327, 4.9888



1.2624, 1.6916, 0.2600

Inverse Universe

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



27.6514, 22.9804, 59.4813



39.3930, 30.0827, 98.3380



35.5648, 27.0599, 59.8516



10.8003, 10.9464, 14.1140



7.4545, 3.0505, 36.1522



0.4462, 0.1892, 1.8679

Previews

White Background



This preview shows how the XYZ color 45.2396, 54.6327, 25.9301 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 45.2396, 54.6327, 25.9301 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

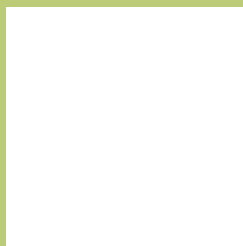
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.2396, 54.6327, 25.9301

Background



This preview shows how black text looks on a background with the XYZ color 45.2396, 54.6327, 25.9301.



This preview shows how white text looks on a background with the XYZ color 45.2396, 54.6327, 25.9301.

25.9301.

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

45.2396, 54.6327, 25.9301

Protanopia

50.1666, 54.4607, 24.6975

Deuteranopia

55.4579, 54.2352, 26.6143



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

45.2396, 54.6327, 25.9301

Protanomaly

48.3659, 54.5335, 25.1164

Deuteranomaly

51.3382, 54.0348, 26.4628

Tritanomaly

50.0509, 54.5364, 48.9629

Monochromacy



Original Color

45.2396, 54.6327, 25.9301

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.7317, 51.9553, 42.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2396, 54.6327, 25.9301 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(187, 203, 120)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 120)  
}
```

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(187, 203, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 120) }
```

Border

The CSS property to change the border of an element to XYZ 45.2396, 54.6327, 25.9301 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(187, 203, 120) }
```


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

```
.border{ border-color:rgb(187, 203, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 203, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 203, 120); box-shadow:4px 4px 4px 4px rgb(187, 203, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2396, 54.6327, 25.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 120) }
```

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

```
.background{ background-color: rgb(187,  
203, 120) }
```

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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