

Converting Colors

XYZ(44.6880, 53.3150, 25.3888)

Have a look what the booklet for
XYZ(44.6880, 53.3150, 25.3888)
contains.

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Color

**XYZ(44.7231, 53.3318,
25.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC877
RGB	188, 200, 119
RGB Percent	74%, 78%, 47%
CMY	0.2627, 0.2157, 0.5333
CMYK	0.06, 0.00, 0.41, 0.22
HSL	69°, 42%, 63%
HSV	69°, 41%, 78%
XYZ	44.7231, 53.3318, 25.3897
YIQ	187.1780, 18.8490, -27.7350

Conversions

Conversions Part 2

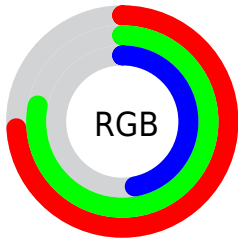
Format	Color
RYB	119, 200, 131
Decimal	12372087
CIELab	78.07, -16.58, 39.09
CIELCh	78, 42.460, 112.984
Yxy	53.3318, 0.3623, 0.4320
Android (android.graphics.Color)	4290562167 (0xFFBCC877)
YUV	187.1780, -33.6118, 0.7209
Hunter-Lab	73.0286, -18.4858, 30.5068

Details

The XYZ color **44.7231, 53.3318, 25.3897** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.3842, 22.1905, 57.5392**, and the grayscale version is **47.5121, 49.9864, 54.4352**.

A 20% lighter version of the original color is **80.8626, 93.9110, 52.8945**, and **21.0259, 25.9740, 9.5355** is the 20% darker color. If you saturate the color by 10%, you get **42.9239, 52.5305, 19.6819**, and if you desaturate by 10%, it is **46.7927, 54.2467, 32.4316**.

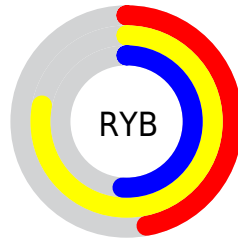
Distribution



Red (74%)

Green (78%)

Blue (47%)



Red (47%)

Yellow (78%)

Blue (51%)

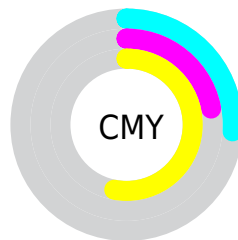


Cyan (6%)

Magenta (0%)

Yellow (41%)

Black (22%)



Cyan (26%)


Magenta (22%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7231, 53.3318, 25.3897 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 44.7231, 53.3318, 25.3897 by changing the saturation by 10% instead.


 44.7231, 53.3318,
25.3897


 44.7231, 53.3318,
25.3897


356.4535,
399.5568, 293.2827

 31.4397, 38.0677,
16.1460


 81.5444, 95.0924,
53.2607

 21.0874, 26.0352,
9.4720


 105.8130,
122.3578, 72.7250

 13.3007, 16.8500,
4.9493


 134.4740,
154.3923, 96.4333

 7.7144, 10.1276,
2.1593

167.8929,
191.5804, 124.8040

 3.9630, 5.4836,
0.6508

206.4349,
234.3065, 158.2558

 1.6812, 2.5337,
0.0000

250.4655,

 0.4445, 0.8935,

282.9551, 197.2071

0.0000

300.3499,
337.9103, 242.0766

■ 0.0000, 0.0000,
0.0000

■ 44.7231, 53.3318,
25.3897

■ 44.7231, 53.3318,
25.3897

■ 42.9239, 52.5305,
19.6819

■ 46.7927, 54.2467,
32.4316

■ 41.3751, 51.8292,
15.2207

■ 49.1435, 55.2740,
40.8813

■ 40.0602, 51.2232,
11.9135

■ 51.7903, 56.4215,
50.8107


■ 38.9586, 50.7042,
9.6530


■ 54.7459, 57.6942,
62.2862

■ 38.0463, 50.2626,
8.3125


■ 58.0221, 59.0969,
75.3700

 37.3117, 49.8975,
7.6646

 61.6301, 60.6342,
90.1208

 64.9290, 62.0496,
103.1624

 65.7742, 62.4853,
103.2019

 66.6351, 62.9291,
103.2422

Harmonies

Analogous

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



52.6604, 53.3318, 23.5473



44.7231, 53.3318, 25.3897



39.0088, 53.3318, 34.7127

Triad

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



44.7231, 53.3318, 25.3897



41.6949, 53.3318, 102.6261



68.1948, 53.3318, 63.8201

Complementary

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



44.7231, 53.3318, 25.3897



26.3842, 22.1905, 57.5392

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.



64.4980, 53.3318, 90.0806



44.7231, 53.3318, 25.3897



48.7699, 53.3318, 116.1133

Square

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



44.7231, 53.3318, 25.3897



37.3980, 53.3318, 77.7594



57.1659, 53.3318, 110.9865



66.8091, 53.3318, 42.0198

Rectangle

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



44.7231, 53.3318, 25.3897



36.9370, 53.3318, 45.7194



57.1659, 53.3318, 110.9865



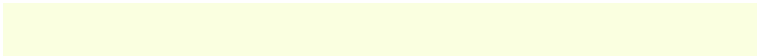
67.4930, 53.3318, 72.4641

Sweetspot

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



44.7244, 53.3342, 25.3908



88.8601, 97.3336, 84.9096



35.1071, 29.5248, 21.3020



18.8858, 20.7754, 17.6668



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.



44.7244, 53.3342, 25.3908



74.5450, 91.0485, 34.7819



36.3257, 49.0045, 24.9978



11.3635, 12.3343, 11.3446



23.7824, 31.7556, 4.8760



1.1693, 1.5259, 0.2329

Inverse Universe

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



26.3842, 22.1905, 57.5392



38.3550, 29.5476, 98.2895



33.6664, 25.9446, 57.8800



10.2006, 10.3617, 13.3799



7.0099, 2.8480, 34.9246



0.3801, 0.1597, 1.6559

Previews

White Background



This preview shows how the XYZ color 44.7231, 53.3318, 25.3897 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 44.7231, 53.3318, 25.3897 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

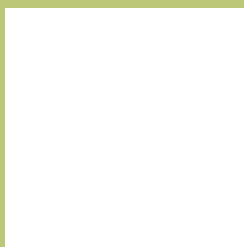
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7231, 53.3318, 25.3897

Background



This preview shows how black text looks on a background with the XYZ color 44.7231, 53.3318, 25.3897.



This preview shows how white text looks on a background with the XYZ color 44.7231, 53.3318,

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

44.7231, 53.3318, 25.3897

Protanopia

49.0863, 53.2498, 24.2141

Deuteranopia

53.9944, 52.8668, 26.0974



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

44.7231, 53.3318, 25.3897

Protanomaly

47.5794, 53.4607, 24.6409

Deuteranomaly

50.2452, 52.8310, 25.9615

Tritanomaly

49.1799, 53.1089, 47.7034

Monochromacy



Original Color

44.7231, 53.3318, 25.3897

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.8647, 50.8727, 41.5845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7231, 53.3318, 25.3897 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(188, 200, 119)` looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 119)  
}
```

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(188, 200, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 119) }
```

Border

The CSS property to change the border of an element to XYZ 44.7231, 53.3318, 25.3897 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(188, 200, 119) }
```


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

```
.border{ border-color:rgb(188, 200, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 200, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 119);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7231, 53.3318, 25.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 119) }
```

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

```
.background{ background-color: rgb(188,  
200, 119) }
```

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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