

Converting Colors

XYZ(44.4168, 52.5416, 36.8450)

Have a look what the booklet for
XYZ(44.4168, 52.5416, 36.8450)
contains.

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Color

**XYZ(44.5189, 52.6326,
36.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C796
RGB	179, 199, 150
RGB Percent	70%, 78%, 59%
CMY	0.2980, 0.2196, 0.4118
CMYK	0.10, 0.00, 0.25, 0.22
HSL	84°, 30%, 68%
HSV	84°, 25%, 78%
XYZ	44.5189, 52.6326, 36.6669
YIQ	187.4340, 3.8090, -19.4790

Conversions

Conversions Part 2

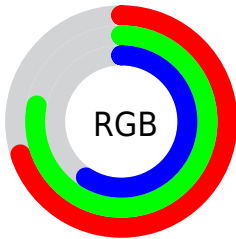
Format	Color
RYB	150, 199, 170
Decimal	11782038
CIELab	77.66, -15.39, 22.33
CIElCh	78, 27.124, 124.575
Yxy	52.6326, 0.3327, 0.3933
Android (android.graphics.Color)	4289972118 (0xFFB3C796)
YUV	187.4340, -18.4550, -7.3966
Hunter-Lab	72.5483, -17.4240, 20.8179

Details

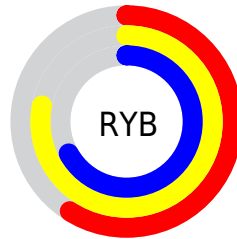
The XYZ color **44.5189, 52.6326, 36.6669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7948, 34.4837, 58.6998**, and the grayscale version is **47.5800, 50.0579, 54.5131**.

A 20% lighter version of the original color is **80.9200, 93.5418, 70.9172**, and **20.9817, 25.5873, 15.6374** is the 20% darker color. If you saturate the color by 10%, you get **41.2284, 51.1076, 28.8466**, and if you desaturate by 10%, it is **48.1950, 54.3281, 45.9280**.

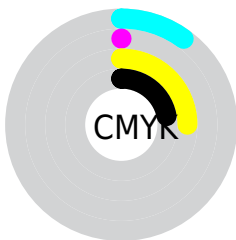
Distribution



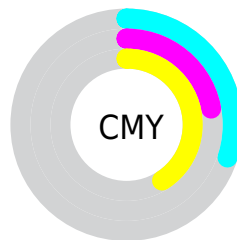
- Red (70%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5189, 52.6326, 36.6669 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 44.5189, 52.6326, 36.6669 by changing the saturation by 10% instead.

■ 44.5189, 52.6326,
36.6669

■ 44.5189, 52.6326,
36.6669

355.6381,
396.8740, 346.9913

■ 31.2783, 37.5096,
24.6559

■ 81.2395, 94.0635,
71.2408

■ 20.9637, 25.6023,
15.6042

■ 105.4503,
121.1402, 94.6407

■ 13.2098, 16.5263,
9.0932

134.0484,
152.9702, 122.6741

■ 7.6512, 9.8974,
4.7044

167.3994,
189.9379, 155.7595

■ 3.9225, 5.3310,
2.0192

205.8685,
232.4278, 194.3153

■ 1.6584, 2.4427,
0.5670

249.8211,

■ 0.4300, 0.8477,

280.8241, 238.7602

0.0000

299.6225,
335.5114, 289.5127

■ 0.0000, 0.0000,
0.0000

■ 44.5189, 52.6326,
36.6669

■ 44.5189, 52.6326,
36.6669

■ 41.2284, 51.1076,
28.8466

■ 48.1950, 54.3281,
45.9280

■ 38.3037, 49.7397,
22.3912

■ 52.2671, 56.1933,
56.6939

■ 35.7293, 48.5243,
17.2230

■ 56.7505, 58.2362,
69.0288

■ 33.4868, 47.4537,
13.2553

■ 61.6581, 60.4622,
82.9921

■ 31.5556, 46.5196,
10.3904

■ 67.0024, 62.8765,
98.6404

■ 29.9121, 45.7121,
8.5156

■ 70.3881, 64.5211,
103.3517

■ 28.5282, 45.0199,
7.4936

■ 73.0225, 65.8792,
103.4750

■ 27.8641, 44.6843,
7.1563

■ 75.7797, 67.3005,
103.6040

■ 78.6610, 68.7859,
103.7389

Harmonies

Analogous

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



49.2257, 52.6326, 33.0724



44.5189, 52.6326, 36.6669



41.4603, 52.6326, 45.7821

Triad

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



44.5189, 52.6326, 36.6669



45.8202, 52.6326, 87.5461



60.7653, 52.6326, 55.0353

Complementary

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



44.5189, 52.6326, 36.6669



37.7948, 34.4837, 58.6998

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.



59.6964, 52.6326, 70.6220



44.5189, 52.6326, 36.6669



50.8343, 52.6326, 91.1833

Square

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



44.5189, 52.6326, 36.6669



42.1739, 52.6326, 75.3077



55.9689, 52.6326, 84.5263



58.7961, 52.6326, 42.4325

Rectangle

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



44.5189, 52.6326, 36.6669



40.6438, 52.6326, 54.6208



55.9689, 52.6326, 84.5263



60.7505, 52.6326, 60.0819

Sweetspot

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



44.5203, 52.6349, 36.6680



89.6778, 97.5473, 94.3377



43.3600, 42.9457, 34.8590



19.0992, 20.8354, 19.9373



0.0000, 0.0000, 0.0000



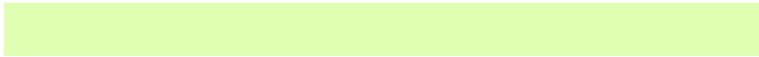
20.3446, 21.4041, 23.3091

Same Dimension

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



44.5203, 52.6349, 36.6680



74.5158, 90.5652, 55.9366



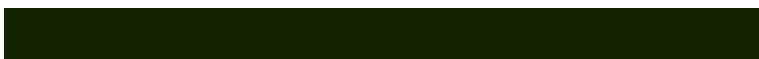
39.4285, 50.0100, 36.4297



11.0890, 12.1928, 11.3318



18.0177, 28.7838, 4.6062



0.9338, 1.4045, 0.2219

Inverse Universe

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



37.7948, 34.4837, 58.6998



60.5713, 52.9220, 101.6303



43.4910, 37.4202, 58.9663



10.4598, 10.4953, 13.3920



8.9177, 3.8315, 35.0139



0.5040, 0.2236, 1.6617

Previews

White Background



This preview shows how the XYZ color 44.5189, 52.6326, 36.6669 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 44.5189, 52.6326, 36.6669 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 44.5189, 52.6326, 36.6669

Background



This preview shows how black text looks on a background with the XYZ color 44.5189, 52.6326, 36.6669.



This preview shows how white text looks on a background with the XYZ color 44.5189, 52.6326,

36.6669.

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

44.5189, 52.6326, 36.6669

Protanopia

48.9959, 52.3161, 34.7098

Deuteranopia

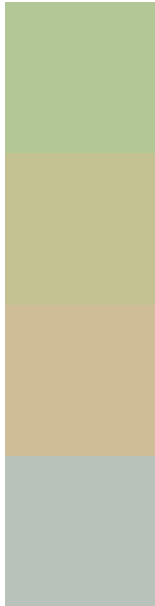
53.3217, 52.2689, 37.4155



Tritanopia

50.3868, 52.3314, 66.4768

Trichromacy



Original Color

44.5189, 52.6326, 36.6669

Protanomaly

47.3232, 52.4259, 35.2288

Deuteranomaly

49.5972, 51.9276, 37.1147

Tritanomaly

47.9219, 52.3191, 54.0272

Monochromacy



Original Color

44.5189, 52.6326, 36.6669

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.0379, 50.5079, 47.3669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5189, 52.6326, 36.6669 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(179, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 150)  
}
```

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(179, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 150) }
```

Border

The CSS property to change the border of an element to XYZ 44.5189, 52.6326, 36.6669 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(179, 199, 150) }
```


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

```
.border{ border-color:rgb(179, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5189, 52.6326, 36.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 150) }
```

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

```
.background{ background-color: rgb(179,  
199, 150) }
```

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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