

Converting Colors

XYZ(36.1501, 52.5325, 39.2448)

Have a look what the booklet for
XYZ(36.1501, 52.5325, 39.2448)
contains.

XYZ(36.1501, 52.5325, 39.2448)	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(36.1501, 52.5325,
39.2448)**

Conversions

Conversions Part 1

Format	Color
Hex	72D39B
RGB	114, 211, 155
RGB Percent	45%, 83%, 61%
CMY	0.5529, 0.1725, 0.3921
CMYK	0.46, 0.00, 0.27, 0.17
HSL	145°, 52%, 64%
HSV	145°, 46%, 83%
XYZ	36.1501, 52.5325, 39.2448
YIQ	175.6130, -39.8360, -37.9800

Conversions

Conversions Part 2

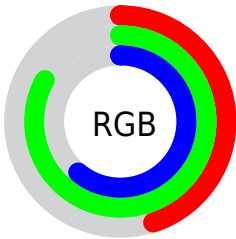
Format	Color
RYB	114, 182, 211
Decimal	7525275
CIELab	77.60, -41.17, 19.04
CIElCh	78, 45.365, 155.179
Yxy	52.5325, 0.2826, 0.4106
Android (android.graphics.Color)	4285715355 (0xFF72D39B)
YUV	175.6130, -10.1622, -54.0346
Hunter-Lab	72.4793, -37.8093, 18.6322

Details

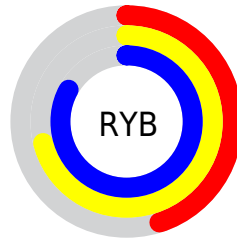
The XYZ color **36.1501, 52.5325, 39.2448** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.1387, 28.7870, 41.4732**, and the grayscale version is **41.1326, 43.2747, 47.1261**.

A 20% lighter version of the original color is **63.9704, 84.7192, 73.9536**, and **16.0745, 25.6463, 17.1997** is the 20% darker color. If you saturate the color by 10%, you get **32.7438, 50.8902, 34.0122**, and if you desaturate by 10%, it is **40.2955, 54.5467, 45.0531**.

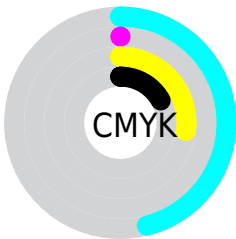
Distribution



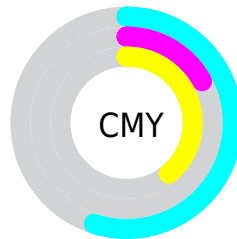
- Red (45%)
- Green (83%)
- Blue (61%)



- Red (45%)
- Yellow (71%)
- Blue (83%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1501, 52.5325, 39.2448 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 36.1501, 52.5325, 39.2448 by changing the saturation by 10% instead.

■ 36.1501, 52.5325,
39.2448

■ 36.1501, 52.5325,
39.2448

321.0359,
396.4889, 358.3871

■ 24.7208, 37.4297,
26.6409

■ 68.5860, 93.9161,
75.2366

■ 15.9968, 25.5404,
17.0737

■ 90.3234, 120.9657,
99.4616

■ 9.6127, 16.4801,
10.1245

■ 116.2274,
152.7663, 128.3974

■ 5.2032, 9.8645,
5.3749

146.6636,
189.7024, 162.4625

■ 2.4030, 5.3092,
2.4063

181.9971,
232.1583, 202.0755

■ 0.8466, 2.4298,
0.7899

222.5935,

■ 0.0000, 0.8412,

280.5184, 247.6549

0.0000

268.8179,
335.1671, 299.6193

■ 0.0000, 0.0000,
0.0000

■ 36.1501, 52.5325,
39.2448

■ 36.1501, 52.5325,
39.2448

■ 32.7438, 50.8902,
34.0122

■ 40.2955, 54.5467,
45.0531

■ 30.0252, 49.5895,
29.3336

■ 45.2186, 56.9481,
51.4508

■ 27.9427, 48.6054,
25.1911


■ 50.9602, 59.7590,
58.4555


■ 26.4349, 47.9069,
21.5643


■ 57.5571, 62.9978,
66.0829


■ 25.4262, 47.4551,
18.4311


■ 65.0437, 66.6821,
74.3484

 25.1062, 47.3149,
17.3014

 73.4525, 70.8283,
83.2665

 80.3043, 74.1581,
92.7339

 82.1785, 74.9078,
102.6029

 82.5852, 75.0705,
104.7451

Harmonies

Analogous

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



40.8415, 52.5325, 26.1364



36.1501, 52.5325, 39.2448



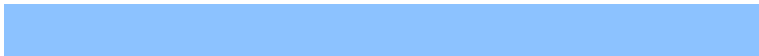
34.9642, 52.5325, 61.6649

Triad

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



36.1501, 52.5325, 39.2448



51.4665, 52.5325, 119.9461



65.0018, 52.5325, 33.6652

Complementary

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



36.1501, 52.5325, 39.2448



40.1387, 28.7870, 41.4732

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.



68.6541, 52.5325, 52.9541



36.1501, 52.5325, 39.2448



60.2770, 52.5325, 106.3805

Square

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



36.1501, 52.5325, 39.2448



43.1884, 52.5325, 113.1027



66.8315, 52.5325, 79.9324



57.3402, 52.5325, 23.6373

Rectangle

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



36.1501, 52.5325, 39.2448



36.1860, 52.5325, 80.2745



66.8315, 52.5325, 79.9324



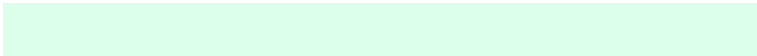
66.7775, 52.5325, 39.0326

Sweetspot

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



36.1515, 52.5346, 39.2460



79.9711, 92.5896, 91.7921



43.0373, 56.4170, 24.5415



16.6709, 19.5992, 19.1199



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.



36.1515, 52.5346, 39.2460



50.4403, 78.2051, 52.4961



41.0050, 54.4760, 64.8040



11.8607, 13.2880, 13.6227



15.1998, 28.5728, 10.6980



0.8891, 1.6133, 0.8050

Inverse Universe

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



40.1387, 28.7870, 41.4732



57.2743, 37.4373, 56.2653



36.4008, 27.2918, 21.7895



12.0907, 11.9210, 13.7536



18.3778, 9.2239, 12.1613



1.0668, 0.5314, 0.8864

Previews

White Background



This preview shows how the XYZ color 36.1501, 52.5325, 39.2448 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 36.1501, 52.5325, 39.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

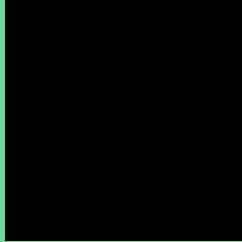
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1501, 52.5325, 39.2448

Background



This preview shows how black text looks on a background with the XYZ color 36.1501, 52.5325, 39.2448.



This preview shows how white text looks on a background with the XYZ color 36.1501, 52.5325,

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

36.1501, 52.5325, 39.2448

Protanopia

48.4261, 51.7086, 34.2165

Deuteranopia

52.5799, 51.5003, 40.8875



Tritanopia

43.3480, 52.5722, 74.8806

Trichromacy



Original Color

36.1501, 52.5325, 39.2448



Protanomaly

42.4135, 51.2160, 36.0840



Deuteranomaly

44.3840, 50.4669, 40.2027



Tritanomaly

40.3473, 52.4132, 60.2148

Monochromacy



Original Color

36.1501, 52.5325, 39.2448



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.4023, 45.9946, 43.8996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1501, 52.5325, 39.2448 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(114, 211, 155)` looks like.

```
.text, #text, p{  
    color:rgb(114, 211, 155)  
}
```

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(114, 211, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 211, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.1501, 52.5325, 39.2448 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(114, 211, 155) }
```


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

```
.border{ border-color:rgb(114, 211, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 211, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 211, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 211, 155);  
box-shadow:4px 4px 4px 4px rgb(114, 211,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1501, 52.5325, 39.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 211, 155) }
```

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

```
.background{ background-color: rgb(114,  
211, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor