

Converting Colors

XYZ(39.7121, 39.2517, 56.4045)

Have a look what the booklet for
XYZ(39.7121, 39.2517, 56.4045)
contains.

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Color

**XYZ(39.7703, 39.3514,
56.5384)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA5C2
RGB	170, 165, 194
RGB Percent	67%, 65%, 76%
CMY	0.3333, 0.3529, 0.2392
CMYK	0.12, 0.15, 0.00, 0.24
HSL	250°, 19%, 70%
HSV	250°, 15%, 76%
XYZ	39.7703, 39.3514, 56.5384
YIQ	169.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

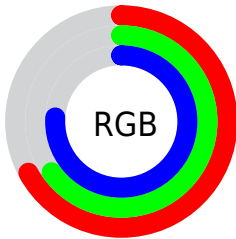
Format	Color
R_{YB}	170, 165, 194
Decimal	11183554
CIE Lab	69.01, 7.57, -14.19
CIE LCh	69, 16.087, 298.090
Yxy	39.3514, 0.2932, 0.2901
Android (android.graphics.Color)	4289373634 (0xFFAAA5C2)
YUV	169.8010, 11.9301, 0.1745
Hunter-Lab	62.7307, 3.3876, -9.5259

Details

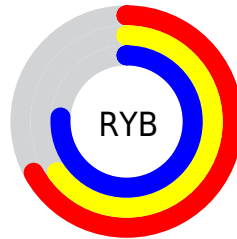
The XYZ color **39.7703, 39.3514, 56.5384** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0711, 52.1201, 43.1785**, and the grayscale version is **38.0552, 40.0370, 43.6003**.

A 20% lighter version of the original color is **74.0571, 74.1590, 101.6777**, and **18.1100, 17.5553, 27.2449** is the 20% darker color. If you saturate the color by 10%, you get **33.2716, 31.1956, 55.3073**, and if you desaturate by 10%, it is **47.2261, 48.7906, 57.9680**.

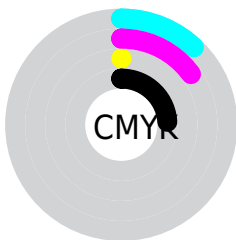
Distribution



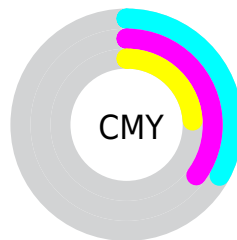
- Red (67%)
- Green (65%)
- Blue (76%)



- Red (67%)
- Yellow (65%)
- Blue (76%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7703, 39.3514, 56.5384 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 39.7703, 39.3514, 56.5384 by changing the saturation by 10% instead.

■ 39.7703, 39.3514,
56.5384

■ 39.7703, 39.3514,
56.5384

336.3055,
343.3822, 429.1626

■ 27.5429, 27.0332,
40.2279

■ 74.1002, 74.1748,
101.2850

■ 18.1201, 17.5982,
27.4011

■ 96.9334, 97.4489,
130.5581

■ 11.1364, 10.6619,
17.6396

124.0325,
125.1436, 164.9892

■ 6.2266, 5.8400,
10.5248

155.7630,
157.6435, 204.9967

■ 3.0253, 2.7480,
5.6382

192.4902,
195.3329, 250.9993

■ 1.1672, 1.0016,
2.5611

234.5795,

■ 0.0802, 0.0000,

238.5962, 303.4154

0.8723

282.3961,
287.8179, 362.6637

■ 0.0000, 0.0000,
0.0000

■ 39.7703, 39.3514,
56.5384

■ 39.7703, 39.3514,
56.5384

■ 33.2716, 31.1956,
55.3073

■ 47.2261, 48.7906,
57.9680

■ 27.6875, 24.2628,
54.2635

■ 55.6723, 59.5604,
59.6016

■ 22.9772, 18.4949,
53.3984

■ 65.1447, 71.7116,
61.4478

■ 19.0959, 13.8274,
52.7021

■ 75.6766, 85.2908,
63.5137

■ 15.9942, 10.1893,
52.1633

■ 85.0241, 95.7917,
65.0480

■ 13.6176, 7.5012,
51.7697

■ 86.7377, 96.6751,
65.1282

■ 11.9042, 5.6716,
51.5069

■ 10.7806, 4.5907,
51.3574

■ 10.3790, 4.2257,
51.3082

Harmonies

Analogous

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



37.2384, 39.3514, 58.5518



39.7703, 39.3514, 56.5384



41.7421, 39.3514, 50.7459

Triad

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



39.7703, 39.3514, 56.5384



40.0673, 39.3514, 31.9513



32.6915, 39.3514, 42.3785

Complementary

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



39.7703, 39.3514, 56.5384



47.0711, 52.1201, 43.1785

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.



33.3742, 39.3514, 35.8134



39.7703, 39.3514, 56.5384



37.5668, 39.3514, 30.2361

Square

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



39.7703, 39.3514, 56.5384



41.9190, 39.3514, 36.5410



35.1303, 39.3514, 31.5662



33.2223, 39.3514, 49.8397

Rectangle

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



39.7703, 39.3514, 56.5384



42.4328, 39.3514, 45.8252



35.1303, 39.3514, 31.5662



32.7860, 39.3514, 40.0007

Sweetspot

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



39.7715, 39.3530, 56.5393



86.8394, 90.0205, 105.2686



43.4894, 48.3625, 58.0823



18.7738, 19.4044, 23.0059



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.



39.7715, 39.3530, 56.5393



67.9347, 66.1098, 101.6497



43.0412, 41.0386, 56.6923



9.6866, 9.8296, 12.6716



6.8726, 2.8034, 33.7355



0.3481, 0.1475, 1.4600

Inverse Universe

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



44.8900, 42.0555, 53.8977



79.0463, 71.9789, 95.8082



43.6891, 50.3766, 43.0202



10.4204, 10.2168, 12.3042



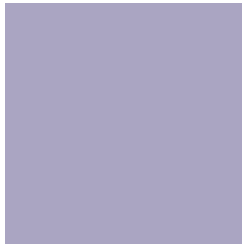
18.8585, 9.2332, 22.9649



0.8349, 0.4070, 1.0981

Previews

White Background



This preview shows how the XYZ color 39.7703, 39.3514, 56.5384 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 39.7703, 39.3514, 56.5384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

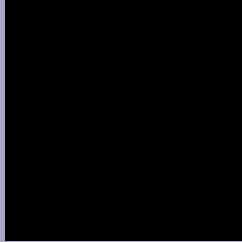
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7703, 39.3514, 56.5384

Background



This preview shows how black text looks on a background with the XYZ color 39.7703, 39.3514, 56.5384.



This preview shows how white text looks on a background with the XYZ color 39.7703, 39.3514,

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

39.7703, 39.3514, 56.5384

Protanopia

38.7733, 39.3641, 57.1842

Deuteranopia

40.0263, 39.2166, 56.4989



Tritanopia

38.3077, 39.2985, 49.2824

Trichromacy



Original Color

39.7703, 39.3514, 56.5384

Protanomaly

39.2124, 39.3196, 57.1525

Deuteranomaly

39.8077, 39.1039, 56.4887

Tritanomaly

38.8613, 39.2526, 51.9827

Monochromacy



Original Color

39.7703, 39.3514, 56.5384

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7169, 39.8060, 48.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7703, 39.3514, 56.5384 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(170, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 194)  
}
```

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(170, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.7703, 39.3514, 56.5384 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(170, 165, 194) }
```


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

```
.border{ border-color:rgb(170, 165, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7703, 39.3514, 56.5384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 194) }
```

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

```
.background{ background-color: rgb(170,  
165, 194) }
```

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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