

Converting Colors

XYZ(41.1684, 40.3542, 56.0742)

Have a look what the booklet for
XYZ(41.1684, 40.3542, 56.0742)
contains.

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Color

**XYZ(41.1664, 40.3528,
56.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A6C1
RGB	176, 166, 193
RGB Percent	69%, 65%, 76%
CMY	0.3098, 0.3490, 0.2431
CMYK	0.09, 0.14, 0.00, 0.24
HSL	262°, 18%, 70%
HSV	262°, 14%, 76%
XYZ	41.1664, 40.3528, 56.0712
YIQ	172.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

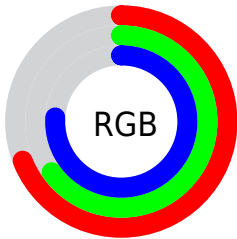
Format	Color
R_{YB}	176, 166, 193
Decimal	11577025
CIE _{Lab}	69.72, 8.82, -12.52
CIE _{LCh}	70, 15.310, 305.169
Yxy	40.3528, 0.2992, 0.2933
Android (android.graphics.Color)	4289767105 (0xFFB0A6C1)
YUV	172.0680, 10.3195, 3.4484
Hunter-Lab	63.5239, 4.5095, -7.8674

Details

The XYZ color **41.1664, 40.3528, 56.0712** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4826, 50.9613, 43.5176**, and the grayscale version is **39.1985, 41.2399, 44.9103**.

A 20% lighter version of the original color is **76.2340, 75.7083, 100.2177**, and **18.8459, 18.1097, 26.9283** is the 20% darker color. If you saturate the color by 10%, you get **35.2922, 32.5022, 54.8661**, and if you desaturate by 10%, it is **47.8155, 49.3866, 57.4651**.

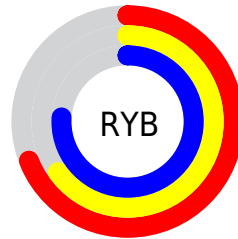
Distribution



Red (69%)

Green (65%)

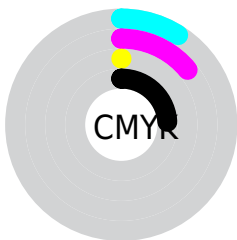
Blue (76%)



Red (69%)

Yellow (65%)

Blue (76%)

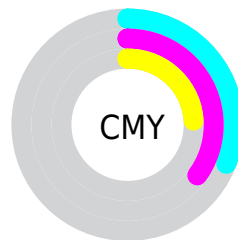


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1664, 40.3528, 56.0712 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 41.1664, 40.3528, 56.0712 by changing the saturation by 10% instead.

■ 41.1664, 40.3528,
56.0712

■ 41.1664, 40.3528,
56.0712

342.0663,
347.6083, 427.3556

■ 28.6374, 27.8137,
39.8556

■ 76.2095, 75.7004,
100.5955

■ 18.9496, 18.1853,
27.1131

■ 99.4544, 99.2778,
129.7413

■ 11.7376, 11.0831,
17.4250

127.0018,
127.3034, 164.0343

■ 6.6362, 6.1228,
10.3728

159.2173,
160.1616, 203.8930

■ 3.2799, 2.9199,
5.5380

196.4661,
198.2368, 249.7359

■ 1.3035, 1.0900,
2.5021

239.1137,

■ 0.1858, 0.0000,

241.9134, 301.9817

0.8412

287.5253,
291.5758, 361.0487

■ 0.0000, 0.0000,
0.0000

■ 41.1664, 40.3528,
56.0712

■ 41.1664, 40.3528,
56.0712

■ 35.2922, 32.5022,
54.8661

■ 47.8155, 49.3866,
57.4651

■ 30.1596, 25.7797,
53.8391

■ 55.2640, 59.6455,
59.0527

■ 25.7378, 20.1332,
52.9822

■ 63.5398, 71.1756,
60.8420

■ 21.9926, 15.5046,
52.2862

■ 72.6681, 84.0192,
62.8400

■ 18.8867, 11.8298,
51.7406

■ 80.2323, 93.3344,
64.2393

■ 16.3785, 9.0376,
51.3338

■ 84.4233, 95.4949,
64.4354

■ 14.4211, 7.0460,
51.0526

■ 86.6258, 96.6303,
64.5385

■ 12.9587, 5.7566,
50.8808

■ 12.2593, 5.2079,
50.8118

Harmonies

Analogous

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



38.7853, 40.3528, 58.9876



41.1664, 40.3528, 56.0712



42.8459, 40.3528, 49.9245

Triad

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



41.1664, 40.3528, 56.0712



40.3913, 40.3528, 32.6737



33.7990, 40.3528, 45.1791

Complementary

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



41.1664, 40.3528, 56.0712



45.4826, 50.9613, 43.5176

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.



34.1878, 40.3528, 38.4491



41.1664, 40.3528, 56.0712



37.9262, 40.3528, 31.6931

Square

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



41.1664, 40.3528, 56.0712



42.3851, 40.3528, 36.5324



35.6729, 40.3528, 33.6939



34.5872, 40.3528, 52.2809

Rectangle

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



41.1664, 40.3528, 56.0712



43.3038, 40.3528, 45.0973



35.6729, 40.3528, 33.6939



33.7967, 40.3528, 42.7975

Sweetspot

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



41.1676, 40.3545, 56.0721



85.5431, 88.3222, 102.8996



42.3070, 45.8668, 57.0760



18.1474, 18.6685, 22.0322



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.1676, 40.3545, 56.0721



70.1313, 67.4356, 99.6804



44.3487, 41.9944, 56.2210



9.8728, 9.9256, 12.6803



8.2353, 3.5059, 33.7993



0.4321, 0.1908, 1.4639

Inverse Universe

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



44.1771, 42.0305, 50.5857



76.6778, 71.0836, 87.6469



42.4455, 49.3956, 43.3755



10.3339, 10.1822, 11.8491



16.9841, 8.4834, 13.0942



0.7662, 0.3795, 0.7362

Previews

White Background



This preview shows how the XYZ color 41.1664, 40.3528, 56.0712 looks on a white background.

Color Contrast Check

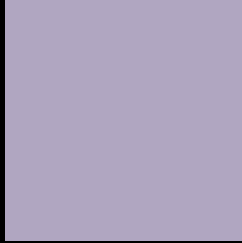
Large Text (above 18pt) WCAG AA × Fail

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 41.1664, 40.3528, 56.0712 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 41.1664, 40.3528, 56.0712

Background



This preview shows how black text looks on a background with the XYZ color 41.1664, 40.3528, 56.0712.



This preview shows how white text looks on a background with the XYZ color 41.1664, 40.3528,

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

41.1664, 40.3528, 56.0712

Protanopia

39.7642, 40.4231, 57.3364

Deuteranopia

41.1664, 40.3528, 56.0712



Tritanopia

39.7987, 40.3401, 49.4049

Trichromacy



Original Color

41.1664, 40.3528, 56.0712

Protanomaly

40.3178, 40.4464, 56.7209

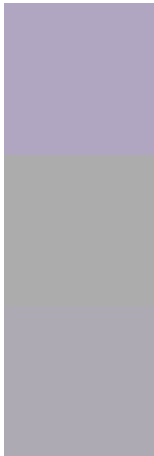
Deuteranomaly

41.1664, 40.3528, 56.0712

Tritanomaly

40.2549, 40.2542, 51.5471

Monochromacy



Original Color

41.1664, 40.3528, 56.0712

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8465, 40.9290, 48.9800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1664, 40.3528, 56.0712 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(176, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 166, 193)  
}
```

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(176, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 166, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.1664, 40.3528, 56.0712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

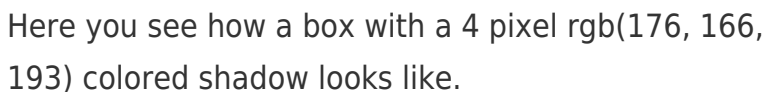
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 166, 193) }
```


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

```
.border{ border-color:rgb(176, 166, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 166, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 166, 193); box-shadow:4px 4px 4px 4px rgb(176, 166, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1664, 40.3528, 56.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 166, 193) }
```

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

```
.background{ background-color: rgb(176,  
166, 193) }
```

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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