

Converting Colors

XYZ(41.1951, 41.1394, 61.7657)

Have a look what the booklet for
XYZ(41.1951, 41.1394, 61.7657)
contains.

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Color

**XYZ(41.2108, 41.0752,
61.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9CA
RGB	169, 169, 202
RGB Percent	66%, 66%, 79%
CMY	0.3372, 0.3372, 0.2078
CMYK	0.16, 0.16, 0.00, 0.21
HSL	240°, 24%, 73%
HSV	240°, 16%, 79%
XYZ	41.2108, 41.0752, 61.6334
YIQ	172.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

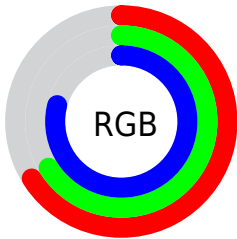
Format	Color
R_{YB}	169, 169, 202
Decimal	11119050
CIE _{Lab}	70.23, 6.76, -16.77
CIE _{LCh}	70, 18.085, 291.958
Yxy	41.0752, 0.2863, 0.2854
Android (android.graphics.Color)	4289309130 (0xFFA9A9CA)
YUV	172.7620, 14.4143, -3.2993
Hunter-Lab	64.0899, 2.6208, -12.1545

Details

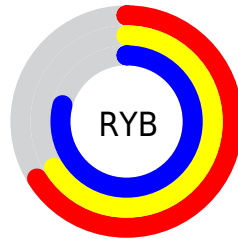
The XYZ color **41.2108, 41.0752, 61.6334** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.6394, 57.6620, 45.8925**, and the grayscale version is **39.5331, 41.5919, 45.2936**.

A 20% lighter version of the original color is **75.4461, 76.3786, 105.3738**, and **19.0427, 18.6426, 30.6117** is the 20% darker color. If you saturate the color by 10%, you get **33.7357, 32.0684, 60.2896**, and if you desaturate by 10%, it is **49.9385, 51.5915, 63.2039**.

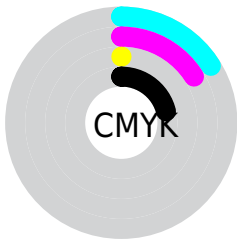
Distribution



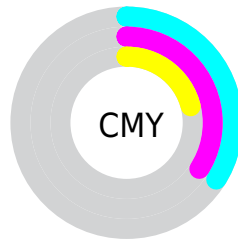
- Red (66%)
- Green (66%)
- Blue (79%)



- Red (66%)
- Yellow (66%)
- Blue (79%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2108, 41.0752, 61.6334 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 41.2108, 41.0752, 61.6334 by changing the saturation by 10% instead.

■ 41.2108, 41.0752,
61.6334

■ 41.2108, 41.0752,
61.6334

342.2484,
350.6348, 448.5633

■ 28.6722, 28.3778,
44.3027

■ 76.2765, 76.7980,
108.7620

■ 18.9760, 18.6107,
30.5696

■ 99.5343, 100.5923,
139.3969

■ 11.7569, 11.3893,
20.0156

127.0959,
128.8544, 175.3036

■ 6.6494, 6.3293,
12.2222

159.3267,
161.9685, 216.9007

■ 3.2882, 3.0464,
6.7708

196.5920,
200.3193, 264.6066

■ 1.3079, 1.1560,
3.2429

239.2571,

■ 0.1891, 0.0253,

244.2910, 318.8400

1.2200

287.6875,
294.2680, 380.0194

■ 0.0000, 0.0000,
0.0000

■ 41.2108, 41.0752,
61.6334

■ 41.2108, 41.0752,
61.6334

■ 33.7357, 32.0684,
60.2896

■ 49.9385, 51.5915,
63.2039

■ 27.4521, 24.4972,
59.1593

■ 59.9684, 63.6767,
65.0079

■ 22.2997, 18.2889,
58.2326

■ 71.3522, 77.3932,
67.0555

■ 18.2112, 13.3625,
57.4972

■ 84.1377, 92.7985,
69.3552

■ 15.1125, 9.6287,
56.9398

■ 87.6608, 97.0443,
69.9890

■ 12.9196, 6.9863,
56.5453

■ 11.5349, 5.3178,
56.2963

■ 10.8339, 4.4730,
56.1702

■ 10.6609, 4.2646,
56.1390

Harmonies

Analogous

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



38.2489, 41.0752, 62.9096



41.2108, 41.0752, 61.6334



43.7033, 41.0752, 55.5545

Triad

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



41.2108, 41.0752, 61.6334



42.6590, 41.0752, 33.0619



33.6653, 41.0752, 42.4793

Complementary

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



41.2108, 41.0752, 61.6334



52.6394, 57.6620, 45.8925

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.



34.7222, 41.0752, 35.4012



41.2108, 41.0752, 61.6334



39.8434, 41.0752, 30.4314

Square

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



41.2108, 41.0752, 61.6334



44.5684, 41.0752, 38.8942



36.9482, 41.0752, 31.2301



33.9901, 41.0752, 51.1089

Rectangle

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



41.2108, 41.0752, 61.6334



44.7141, 41.0752, 49.9716



36.9482, 41.0752, 31.2301



33.8688, 41.0752, 39.8571

Sweetspot

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



41.2121, 41.0769, 61.6343



86.5806, 89.7951, 107.3766



48.0792, 54.9151, 63.6026



18.2869, 18.9247, 22.9390



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.



41.2121, 41.0769, 61.6343



64.5454, 63.2445, 103.4132



44.8450, 42.9492, 61.8042



10.6018, 10.8441, 14.1047



6.8601, 2.7442, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



45.7075, 43.7981, 43.5828



73.7323, 68.8055, 66.5233



48.5446, 55.5518, 45.7010



11.2124, 11.2137, 11.6531



15.6736, 8.0800, 0.7338



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 41.2108, 41.0752, 61.6334 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 41.2108, 41.0752, 61.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

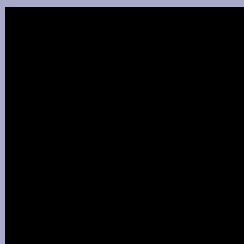
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2108, 41.0752, 61.6334

Background



This preview shows how black text looks on a background with the XYZ color 41.2108, 41.0752, 61.6334.



This preview shows how white text looks on a background with the XYZ color 41.2108, 41.0752,

61.6334.

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

41.2108, 41.0752, 61.6334

Protanopia

40.6713, 41.0606, 62.2818

Deuteranopia

41.8969, 41.1538, 61.6124



Tritanopia

39.2354, 41.1148, 51.7670

Trichromacy



Original Color

41.2108, 41.0752, 61.6334

Protanomaly

40.8801, 41.1682, 62.2916

Deuteranomaly

41.6766, 41.0402, 61.6021

Tritanomaly

39.9032, 41.1029, 55.1207

Monochromacy



Original Color

41.2108, 41.0752, 61.6334

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4175, 41.7364, 51.2731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2108, 41.0752, 61.6334 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(169, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 202)  
}
```

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(169, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.2108, 41.0752, 61.6334 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(169, 169, 202) }
```


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

```
.border{ border-color:rgb(169, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2108, 41.0752, 61.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 202) }
```

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

```
.background{ background-color: rgb(169,  
169, 202) }
```

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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