

Converting Colors

XYZ(40.2725, 41.4715, 52.4767)

Have a look what the booklet for
XYZ(40.2725, 41.4715, 52.4767)
contains.

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Color

**XYZ(40.2204, 41.3289,
52.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	ABABBA
RGB	171, 171, 186
RGB Percent	67%, 67%, 73%
CMY	0.3294, 0.3294, 0.2706
CMYK	0.08, 0.08, 0.00, 0.27
HSL	240°, 10%, 70%
HSV	240°, 8%, 73%
XYZ	40.2204, 41.3289, 52.3118
YIQ	172.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

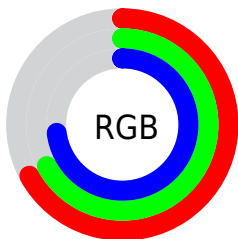
Format	Color
R _Y B	171, 171, 186
Decimal	11250618
CIE Lab	70.41, 2.94, -7.67
CIE LCh	70, 8.213, 290.998
Yxy	41.3289, 0.3005, 0.3087
Android (android.graphics.Color)	4289440698 (0xFFABABBA)
YUV	172.7100, 6.5520, -1.4997
Hunter-Lab	64.2876, -0.8278, -3.2439

Details

The XYZ color **40.2204, 41.3289, 52.3118** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1594, 48.4968, 45.5095**, and the grayscale version is **39.5433, 41.6026, 45.3053**.

A 20% lighter version of the original color is **74.5874, 76.9723, 94.9304**, and **18.4382, 18.8090, 24.8490** is the 20% darker color. If you saturate the color by 10%, you get **33.1816, 32.8483, 51.0465**, and if you desaturate by 10%, it is **48.3260, 51.0954, 53.7704**.

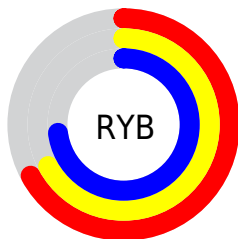
Distribution



Red (67%)

Green (67%)

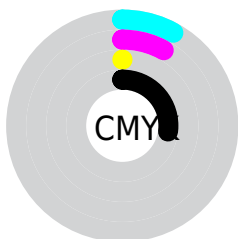
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

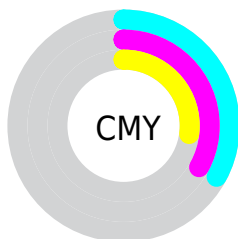


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2204, 41.3289, 52.3118 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 40.2204, 41.3289, 52.3118 by changing the saturation by 10% instead.

■ 40.2204, 41.3289,
52.3118

■ 40.2204, 41.3289,
52.3118

338.1702,
351.6934, 412.6303

■ 27.8954, 28.5762,
36.8697

■ 74.7812, 77.1829,
95.0222

■ 18.3869, 18.7604,
24.8116

97.7478, 101.0530,
123.1275

■ 11.3295, 11.4973,
15.7190

124.9922,
129.3977, 156.2911

■ 6.3578, 6.4024,
9.1734

156.8799,
162.6013, 194.9313

■ 3.1066, 3.0913,
4.7561

193.7761,
201.0483, 239.4668

■ 1.2104, 1.1796,
2.0486

236.0464,

■ 0.1145, 0.0449,

245.1230, 290.3162

0.5849

284.0559,
295.2099, 347.8978

■ 0.0000, 0.0000,
0.0000

■ 40.2204, 41.3289,
52.3118

■ 40.2204, 41.3289,
52.3118

■ 33.1816, 32.8483,
51.0465

■ 48.3260, 51.0954,
53.7704

■ 27.1618, 25.5950,
49.9638

■ 57.5364, 62.1927,
55.4269

■ 22.1148, 19.5139,
49.0560

■ 67.8921, 74.6699,
57.2894

■ 17.9897, 14.5434,
48.3140

■ 79.4306, 88.5721,
59.3647

■ 14.7308, 10.6165,
47.7278

■ 85.8630, 96.3252,
60.5222

■ 12.2763, 7.6589,
47.2863

■ 10.5565, 5.5864,
46.9769

■ 9.4897, 4.3007,
46.7850

■ 8.9475, 3.6473,
46.6874

Harmonies

Analogous

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



38.8767, 41.3289, 52.7581



40.2204, 41.3289, 52.3118



41.3361, 41.3289, 49.8483

Triad

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



40.2204, 41.3289, 52.3118



40.9401, 41.3289, 39.4609



36.7708, 41.3289, 43.8456

Complementary

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



40.2204, 41.3289, 52.3118



45.1594, 48.4968, 45.5095

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.



37.2969, 41.3289, 40.4770



40.2204, 41.3289, 52.3118



39.6899, 41.3289, 38.0426

Square

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



40.2204, 41.3289, 52.3118



41.7582, 41.3289, 42.3858



38.3581, 41.3289, 38.4037



36.9055, 41.3289, 47.7199

Rectangle

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



40.2204, 41.3289, 52.3118



41.7904, 41.3289, 47.4671



38.3581, 41.3289, 38.4037



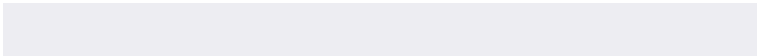
36.8758, 41.3289, 42.6202

Sweetspot

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



40.2216, 41.3306, 52.3127



81.5269, 85.3038, 96.3698



43.1905, 47.3110, 53.1713



17.9875, 18.8262, 21.2283



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.2216, 41.3306, 52.3127



70.0645, 71.4931, 94.3081



41.8440, 42.1663, 52.3885



8.5213, 8.7197, 11.3134



5.9630, 2.3857, 31.3993



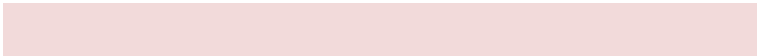
0.2103, 0.0842, 1.1069

Inverse Universe

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



42.1642, 42.5060, 44.5123



74.4404, 74.1408, 76.7369



43.4429, 47.6127, 45.4293



9.0047, 9.0122, 9.3722



13.6235, 7.0232, 0.6383



0.4803, 0.2476, 0.0226

Previews

White Background



This preview shows how the XYZ color 40.2204, 41.3289, 52.3118 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 40.2204, 41.3289, 52.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

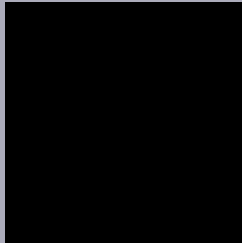
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2204, 41.3289, 52.3118

Background



This preview shows how black text looks on a background with the XYZ color 40.2204, 41.3289, 52.3118.

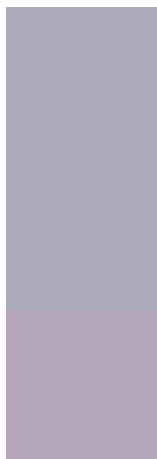


This preview shows how white text looks on a background with the XYZ color 40.2204, 41.3289,

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

40.2204, 41.3289, 52.3118

Protanopia

40.2204, 41.3289, 52.3118

Deuteranopia

42.0798, 41.1704, 52.7425



Tritanopia

40.1145, 41.2865, 51.7538

Trichromacy



Original Color

40.2204, 41.3289, 52.3118

Protanomaly

40.2204, 41.3289, 52.3118

Deuteranomaly

41.3324, 41.0581, 52.7603

Tritanomaly

40.1145, 41.2865, 51.7538

Monochromacy



Original Color

40.2204, 41.3289, 52.3118

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8017, 41.4901, 48.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2204, 41.3289, 52.3118 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(171, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 186)  
}
```

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(171, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.2204, 41.3289, 52.3118 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(171, 171, 186) }
```


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

```
.border{ border-color:rgb(171, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2204, 41.3289, 52.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 186) }
```

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

```
.background{ background-color: rgb(171,  
171, 186) }
```

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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