

Converting Colors

XYZ(41.3982, 41.8128, 57.9986)

Have a look what the booklet for
XYZ(41.3982, 41.8128, 57.9986)
contains.

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Color

**XYZ(41.3213, 41.7693,
58.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	ABABC4
RGB	171, 171, 196
RGB Percent	67%, 67%, 77%
CMY	0.3294, 0.3294, 0.2314
CMYK	0.13, 0.13, 0.00, 0.23
HSL	240°, 17%, 72%
HSV	240°, 13%, 77%
XYZ	41.3213, 41.7693, 58.1090
YIQ	173.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

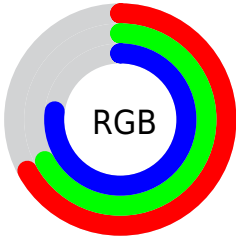
Format	Color
RYB	171, 171, 196
Decimal	11250628
CIELab	70.71, 5.02, -12.72
CIELCh	71, 13.679, 291.524
Yxy	41.7693, 0.2926, 0.2958
Android (android.graphics.Color)	4289440708 (0xFFABABC4)
YUV	173.8500, 10.9200, -2.4994
Hunter-Lab	64.6292, 1.0247, -8.0681

Details

The XYZ color **41.3213, 41.7693, 58.1090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.8557, 54.1555, 46.3543**, and the grayscale version is **40.1049, 42.1935, 45.9487**.

A 20% lighter version of the original color is **76.2900, 77.6533, 103.8962**, and **19.0871, 19.0686, 28.2658** is the 20% darker color. If you saturate the color by 10%, you get **33.9331, 32.8675, 56.7808**, and if you desaturate by 10%, it is **49.8940, 52.0987, 59.6516**.

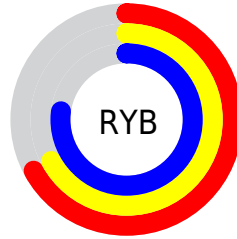
Distribution



Red (67%)

Green (67%)

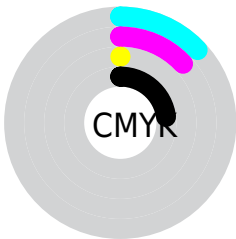
Blue (77%)



Red (67%)

Yellow (67%)

Blue (77%)

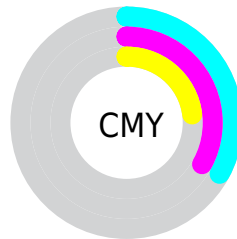


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3213, 41.7693, 58.1090 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 41.3213, 41.7693, 58.1090 by changing the saturation by 10% instead.

■ 41.3213, 41.7693,
58.1090

■ 41.3213, 41.7693,
58.1090

342.7014,
353.5257, 435.2016

■ 28.7590, 28.9207,
41.4810

■ 76.4430, 77.8504,
103.5979

■ 19.0420, 19.0208,
28.3726

99.7332, 101.8516,
133.2959

■ 11.8048, 11.6853,
18.3652

127.3300,
130.3391, 168.1877

■ 6.6821, 6.5298,
11.0404

159.5988,
163.6974, 208.6917

■ 3.3087, 3.1698,
5.9795

196.9050,
202.3108, 255.2266

■ 1.3190, 1.2210,
2.7640

239.6139,

■ 0.1974, 0.0788,

246.5637, 308.2108

0.9754

288.0909,
296.8406, 368.0630

■ 0.0000, 0.0000,
0.0000

■ 41.3213, 41.7693,
58.1090

■ 41.3213, 41.7693,
58.1090

■ 33.9331, 32.8675,
56.7808

■ 49.8940, 52.0987,
59.6516

■ 27.6738, 25.3255,
55.6550

■ 59.6959, 63.9091,
61.4146

■ 22.4890, 19.0781,
54.7224

■ 70.7744, 77.2575,
63.4072

■ 18.3182, 14.0526,
53.9722

■ 83.1729, 92.1963,
65.6372

■ 15.0951, 10.1689,
53.3924

■ 86.9639, 96.7656,
66.3194

■ 12.7454, 7.3376,
52.9698

■ 11.1839, 5.4559,
52.6889

■ 10.3082, 4.4005,
52.5313

■ 9.9641, 3.9860,
52.4694

Harmonies

Analogous

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



39.0615, 41.7693, 58.9779



41.3213, 41.7693, 58.1090



43.2116, 41.7693, 53.6972

Triad

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



41.3213, 41.7693, 58.1090



42.4747, 41.7693, 36.3900



35.5434, 41.7693, 43.6645

Complementary

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



41.3213, 41.7693, 58.1090



49.8557, 54.1555, 46.3543

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.



36.3849, 41.7693, 38.1465



41.3213, 41.7693, 58.1090



40.3464, 41.7693, 34.2162

Square

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



41.3213, 41.7693, 58.1090



43.8950, 41.7693, 41.0515



38.1226, 41.7693, 34.8272



35.7821, 41.7693, 50.2153

Rectangle

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



41.3213, 41.7693, 58.1090



43.9798, 41.7693, 49.5515



38.1226, 41.7693, 34.8272



35.7081, 41.7693, 41.6373

Sweetspot

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



41.3226, 41.7710, 58.1099



88.2287, 91.7810, 107.6731



46.4517, 52.1051, 59.5860



18.6188, 19.3247, 22.9987



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.



41.3226, 41.7710, 58.1099



71.3404, 71.4323, 104.6355



44.0758, 43.1897, 58.2386



9.5284, 9.7482, 12.6642



6.4024, 2.5612, 33.7135



0.2767, 0.1107, 1.4567

Inverse Universe

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



44.6795, 43.8028, 44.6300



78.4808, 75.7539, 75.9634



46.8386, 52.6009, 46.2132



10.0733, 10.0779, 10.4764



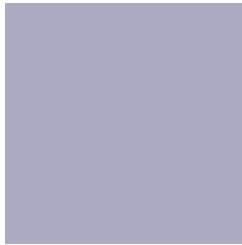
14.6276, 7.5408, 0.6850



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 41.3213, 41.7693, 58.1090 looks on a white background.

Color Contrast Check

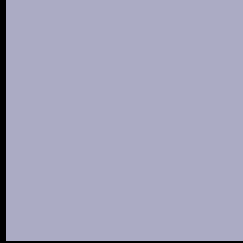
Large Text (above 18pt) WCAG AA × Fail

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 41.3213, 41.7693, 58.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

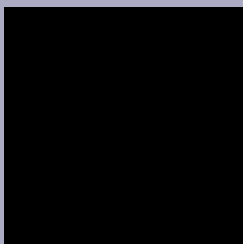
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

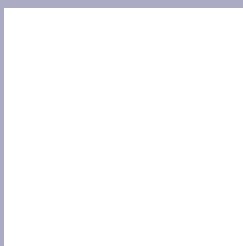
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3213, 41.7693, 58.1090

Background



This preview shows how black text looks on a background with the XYZ color 41.3213, 41.7693, 58.1090.



This preview shows how white text looks on a background with the XYZ color 41.3213, 41.7693,

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

41.3213, 41.7693, 58.1090

Protanopia

41.0785, 41.9256, 58.1519

Deuteranopia

42.6711, 41.6202, 58.6078



Tritanopia

40.1687, 41.8673, 52.4185

Trichromacy



Original Color

41.3213, 41.7693, 58.1090

Protanomaly

41.2939, 42.0366, 58.1620

Deuteranomaly

42.1705, 41.6373, 58.6375

Tritanomaly

40.6244, 41.7688, 54.6362

Monochromacy



Original Color

41.3213, 41.7693, 58.1090

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6206, 42.1488, 50.2506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3213, 41.7693, 58.1090 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.3213, 41.7693, 58.1090 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, 196) }
```


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

```
.border{ border-color:rgb(171, 171, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 196);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3213, 41.7693, 58.1090 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, 196) }
```

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

```
.background{ background-color: rgb(171,  
171, 196) }
```

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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