

Converting Colors

XYZ(40.2109, 41.9017, 57.9642)

Have a look what the booklet for
XYZ(40.2109, 41.9017, 57.9642)
contains.

XYZ(40.2172, 41.7652, 58.1664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.2172, 41.7652,
58.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ADC4
RGB	164, 173, 196
RGB Percent	64%, 68%, 77%
CMY	0.3569, 0.3216, 0.2314
CMYK	0.16, 0.12, 0.00, 0.23
HSL	223°, 21%, 71%
HSV	223°, 16%, 77%
XYZ	40.2172, 41.7652, 58.1664
YIQ	172.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

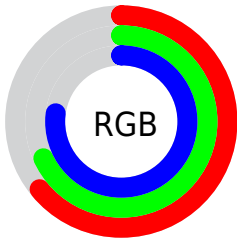
Format	Color
RYB	164, 171, 196
Decimal	10792388
CIELab	70.71, 1.63, -12.78
CIELCh	71, 12.886, 277.253
Yxy	41.7652, 0.2870, 0.2980
Android (android.graphics.Color)	4288982468 (0xFFA4ADC4)
YUV	172.9310, 11.3730, -7.8325
Hunter-Lab	64.6260, -2.0137, -8.1256

Details

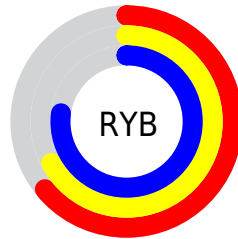
The XYZ color **40.2172, 41.7652, 58.1664** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.2364, 49.9565, 42.2757**, and the grayscale version is **39.6349, 41.6990, 45.4102**.

A 20% lighter version of the original color is **74.6864, 77.6387, 103.9779**, and **18.4019, 19.0725, 28.3027** is the 20% darker color. If you saturate the color by 10%, you get **33.9198, 34.7191, 57.1389**, and if you desaturate by 10%, it is **47.4253, 49.7057, 59.3198**.

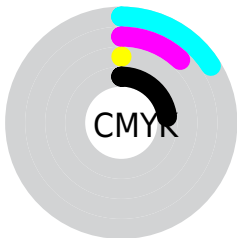
Distribution



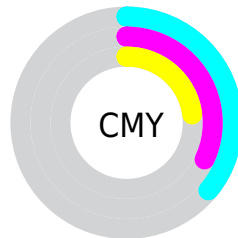
- Red (64%)
- Green (68%)
- Blue (77%)



- Red (64%)
- Yellow (67%)
- Blue (77%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2172, 41.7652, 58.1664 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 40.2172, 41.7652, 58.1664 by changing the saturation by 10% instead.

■ 40.2172, 41.7652,
58.1664

■ 40.2172, 41.7652,
58.1664

338.1569,
353.5087, 435.4213

■ 27.8929, 28.9175,
41.5269

■ 74.7764, 77.8441,
103.6823

■ 18.3850, 19.0184,
28.4082

■ 97.7420, 101.8442,
133.3957

■ 11.3281, 11.6836,
18.3919

124.9854,
130.3304, 168.3042

■ 6.3569, 6.5286,
11.0593

156.8719,
163.6872, 208.8263

■ 3.1060, 3.1691,
5.9921

193.7670,
202.2991, 255.3805

■ 1.2101, 1.2206,
2.7716

236.0360,

■ 0.1143, 0.0785,

246.5504, 308.3854

0.9792

284.0442,
296.8254, 368.2594

■ 0.0000, 0.0000,
0.0000

■ 40.2172, 41.7652,
58.1664

■ 40.2172, 41.7652,
58.1664

■ 33.9198, 34.7191,
57.1389

■ 47.4253, 49.7057,
59.3198

■ 28.4921, 28.5300,
56.2304

■ 55.5753, 58.5659,
60.6005

■ 23.8955, 23.1654,
55.4372

■ 64.7017, 68.3767,
62.0131

■ 20.0868, 18.5885,
54.7545

■ 74.8359, 79.1657,
63.5615

■ 17.0187, 14.7597,
54.1772

■ 83.3847, 89.6072,
65.1263

■ 14.6387, 11.6355,
53.6996

■ 86.9639, 96.7656,
66.3194

■ 12.8863, 9.1672,
53.3155

■ 11.6865, 7.2969,
53.0177

■ 11.3368, 6.7313,
52.9270

Harmonies

Analogous

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



38.1300, 41.7652, 57.2049



40.2172, 41.7652, 58.1664



42.2343, 41.7652, 55.4923

Triad

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



40.2172, 41.7652, 58.1664



43.0554, 41.7652, 38.7218



36.0290, 41.7652, 41.0781

Complementary

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



40.2172, 41.7652, 58.1664



47.2364, 49.9565, 42.2757

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.



37.2626, 41.7652, 36.7426



40.2172, 41.7652, 58.1664



41.3055, 41.7652, 35.4697

Square

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



40.2172, 41.7652, 58.1664



43.9107, 41.7652, 44.0067



39.1805, 41.7652, 34.7789



35.7611, 41.7652, 46.9760

Rectangle

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



40.2172, 41.7652, 58.1664



43.2511, 41.7652, 52.1375



39.1805, 41.7652, 34.7789



36.3423, 41.7652, 39.4061

Sweetspot

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



40.2185, 41.7669, 58.1673



87.6600, 91.9539, 107.7364



44.0130, 50.9581, 54.4932



18.5482, 19.4473, 23.0261



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.



40.2185, 41.7669, 58.1673



68.1135, 70.3806, 104.6026



40.0201, 39.1877, 57.6800



9.7539, 10.1991, 12.7394



7.3480, 4.4525, 34.0288



0.3778, 0.3131, 1.4904

Inverse Universe

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



43.5842, 41.3047, 45.2126



75.5333, 69.5259, 76.0072



47.4443, 52.9883, 42.8500



10.1871, 10.1234, 11.0757



15.1049, 7.7317, 3.1986



0.6831, 0.3463, 0.2986

Previews

White Background



This preview shows how the XYZ color 40.2172, 41.7652, 58.1664 looks on a white background.

Color Contrast Check

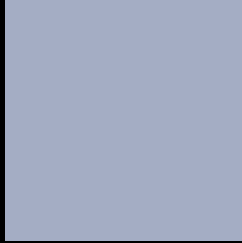
Large Text (above 18pt) WCAG AA × Fail

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 40.2172, 41.7652, 58.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

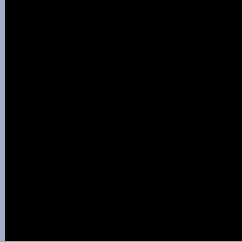
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2172, 41.7652, 58.1664

Background



This preview shows how black text looks on a background with the XYZ color 40.2172, 41.7652, 58.1664.

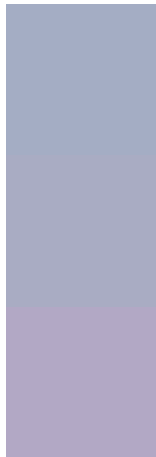


This preview shows how white text looks on a background with the XYZ color 40.2172, 41.7652,

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

40.2172, 41.7652, 58.1664

Protanopia

40.9650, 41.8802, 57.5544

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

39.3174, 41.6895, 53.5516

Trichromacy



Original Color

40.2172, 41.7652, 58.1664

Protanomaly

40.5392, 41.6607, 57.5344

Deuteranomaly

41.6863, 41.6649, 58.6683

Tritanomaly

39.6443, 41.8202, 55.2728

Monochromacy



Original Color

40.2172, 41.7652, 58.1664

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8616, 41.7694, 49.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2172, 41.7652, 58.1664 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(164, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(164, 173, 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(164, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 173, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.2172, 41.7652, 58.1664 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(164, 173, 196) }
```


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

```
.border{ border-color:rgb(164, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(164, 173,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2172, 41.7652, 58.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 173, 196) }
```

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

```
.background{ background-color: rgb(164,  
173, 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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