

Converting Colors

XYZ(40.6054, 42.0180, 55.8318)

Have a look what the booklet for
XYZ(40.6054, 42.0180, 55.8318)
contains.

XYZ(40.6064, 42.0177, 55.8392)	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(40.6064, 42.0177,
55.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	A8ADC0
RGB	168, 173, 192
RGB Percent	66%, 68%, 75%
CMY	0.3412, 0.3216, 0.2471
CMYK	0.12, 0.10, 0.00, 0.25
HSL	227°, 16%, 71%
HSV	227°, 12%, 75%
XYZ	40.6064, 42.0177, 55.8392
YIQ	173.6710, -9.0790, 4.8490

Conversions

Conversions Part 2

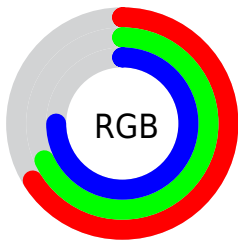
Format	Color
RYB	168, 172, 192
Decimal	11054528
CIELab	70.88, 2.08, -10.29
CIElCh	71, 10.497, 281.441
Yxy	42.0177, 0.2933, 0.3035
Android (android.graphics.Color)	4289244608 (0xFFA8ADC0)
YUV	173.6710, 9.0362, -4.9735
Hunter-Lab	64.8211, -1.6176, -5.6998

Details

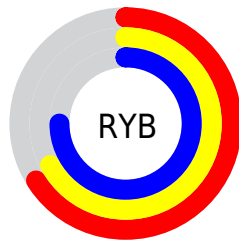
The XYZ color **40.6064, 42.0177, 55.8392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5766, 49.5740, 44.1604**, and the grayscale version is **40.0228, 42.1071, 45.8547**.

A 20% lighter version of the original color is **75.1181, 77.9521, 99.8940**, and **18.7000, 19.2518, 27.1565** is the 20% darker color. If you saturate the color by 10%, you get **34.0665, 34.5642, 54.7459**, and if you desaturate by 10%, it is **48.0839, 50.4489, 57.0731**.

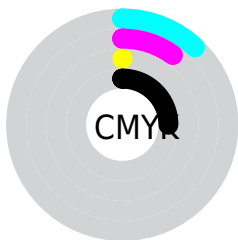
Distribution



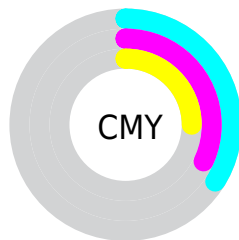
- Red (66%)
- Green (68%)
- Blue (75%)



- Red (66%)
- Yellow (67%)
- Blue (75%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6064, 42.0177, 55.8392 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 40.6064, 42.0177, 55.8392 by changing the saturation by 10% instead.

■ 40.6064, 42.0177,
55.8392

■ 40.6064, 42.0177,
55.8392

339.7636,
354.5563, 426.4565

■ 28.1980, 29.1152,
39.6709

■ 75.3645, 78.2264,
100.2529

■ 18.6162, 19.1679,
26.9702

■ 98.4449, 102.3014,
129.3353

■ 11.4956, 11.7917,
17.3186

125.8134,
130.8692, 163.5596

■ 6.4710, 6.6020,
10.2976

157.8352,
164.3144, 203.3441

■ 3.1769, 3.2145,
5.4885

194.8758,
203.0213, 249.1076

■ 1.2480, 1.2447,
2.4729

237.3005,

■ 0.1438, 0.0978,

247.3744, 301.2684

0.8258

285.4747,
297.7579, 360.2452

■ 0.0000, 0.0000,
0.0000

■ 40.6064, 42.0177,
55.8392

■ 40.6064, 42.0177,
55.8392

■ 34.0665, 34.5642,
54.7459

■ 48.0839, 50.4489,
57.0731

■ 28.4231, 28.0475,
53.7855

■ 56.5304, 59.8864,
58.4496

■ 23.6374, 22.4313,
52.9537

■ 65.9808, 70.3640,
59.9739

■ 19.6663, 17.6752,
52.2450

■ 76.4666, 81.9126,
61.6503

■ 16.4630, 13.7354,
51.6533

■ 84.6286, 92.8139,
63.3243

■ 13.9757, 10.5640,
51.1723

■ 86.5146, 96.5858,
63.9529

■ 12.1456, 8.1080,
50.7947

■ 10.9041, 6.3068,
50.5124

■ 10.2740, 5.3247,
50.3561

Harmonies

Analogous

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



38.8772, 42.0177, 55.4869



40.6064, 42.0177, 55.8392



42.2007, 42.0177, 53.3455

Triad

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



40.6064, 42.0177, 55.8392



42.5073, 42.0177, 39.6753



36.8368, 42.0177, 42.7567

Complementary

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



40.6064, 42.0177, 55.8392



46.5766, 49.5740, 44.1604

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.



37.7549, 42.0177, 38.9123



40.6064, 42.0177, 55.8392



41.0150, 42.0177, 37.2247

Square

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



40.6064, 42.0177, 55.8392



43.3194, 42.0177, 43.8688



39.2741, 42.0177, 36.9560



36.7346, 42.0177, 47.6845

Rectangle

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



40.6064, 42.0177, 55.8392



42.9594, 42.0177, 50.5039



39.2741, 42.0177, 36.9560



37.0589, 42.0177, 41.3044

Sweetspot

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



40.6077, 42.0195, 55.8401



84.8906, 88.9011, 103.0457



43.9470, 49.6041, 54.1605



17.9825, 18.8144, 22.0691



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.



40.6077, 42.0195, 55.8401



70.1639, 72.2609, 100.6100



41.1521, 40.9027, 55.5959



9.6946, 10.0806, 12.7196



6.9596, 3.6757, 33.8993



0.3516, 0.2606, 1.4817

Inverse Universe

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



43.2846, 42.2297, 45.4069



75.9844, 72.7797, 77.9117



45.9741, 50.8663, 44.4416



10.1572, 10.1115, 10.9182



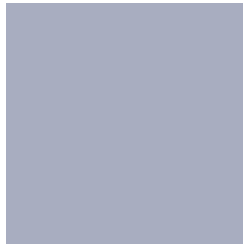
14.9089, 7.6533, 2.1661



0.6699, 0.3410, 0.2289

Previews

White Background



This preview shows how the XYZ color 40.6064, 42.0177, 55.8392 looks on a white background.

Color Contrast Check

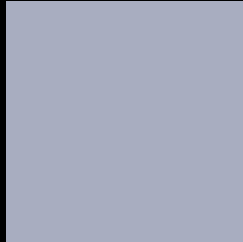
Large Text (above 18pt) WCAG AA × Fail

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 40.6064, 42.0177, 55.8392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

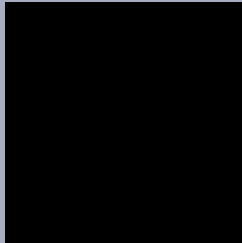
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

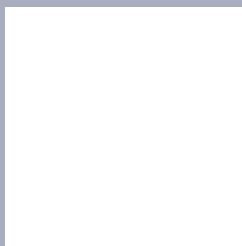
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6064, 42.0177, 55.8392

Background



This preview shows how black text looks on a background with the XYZ color 40.6064, 42.0177, 55.8392.

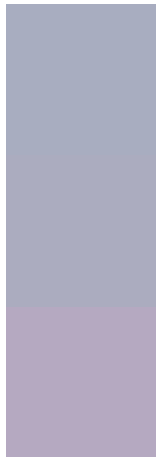


This preview shows how white text looks on a background with the XYZ color 40.6064, 42.0177,

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

40.6064, 42.0177, 55.8392

Protanopia

40.9511, 41.9246, 55.2241

Deuteranopia

42.8697, 42.0499, 56.3091



Tritanopia

40.1495, 42.1184, 53.5905

Trichromacy



Original Color

40.6064, 42.0177, 55.8392

Protanomaly

40.7341, 41.8127, 55.2140

Deuteranomaly

41.9049, 41.8298, 56.3174

Tritanomaly

40.2577, 42.1617, 54.1603

Monochromacy



Original Color

40.6064, 42.0177, 55.8392

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4898, 42.3790, 49.7620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6064, 42.0177, 55.8392 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(168, 173, 192) looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 192)  
}
```

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(168, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.6064, 42.0177, 55.8392 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(168, 173, 192) }
```


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

```
.border{ border-color:rgb(168, 173, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6064, 42.0177, 55.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 192) }
```

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

```
.background{ background-color: rgb(168,  
173, 192) }
```

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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