

Converting Colors

XYZ(40.7683, 44.1052, 56.4368)

Have a look what the booklet for
XYZ(40.7683, 44.1052, 56.4368)
contains.

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Color

**XYZ(40.7360, 44.1297,
56.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B4C0
RGB	162, 180, 192
RGB Percent	64%, 71%, 75%
CMY	0.3647, 0.2941, 0.2471
CMYK	0.16, 0.06, 0.00, 0.25
HSL	204°, 19%, 69%
HSV	204°, 16%, 75%
XYZ	40.7360, 44.1297, 56.2400
YIQ	175.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

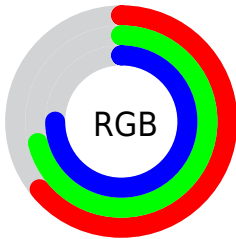
Format	Color
R_{YB}	162, 173, 192
Decimal	10663104
CIE _{Lab}	72.32, -3.69, -8.20
CIE _{LCh}	72, 8.994, 245.777
Yxy	44.1297, 0.2887, 0.3127
Android (android.graphics.Color)	4288853184 (0xFFA2B4C0)
YUV	175.9860, 7.8949, -12.2657
Hunter-Lab	66.4302, -6.7939, -3.6940

Details

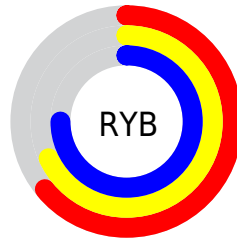
The XYZ color **40.7360, 44.1297, 56.2400** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3962, 44.0871, 40.4058**, and the grayscale version is **41.2262, 43.3732, 47.2334**.

A 20% lighter version of the original color is **75.5540, 81.5199, 100.5597**, and **18.6800, 20.3578, 27.3710** is the 20% darker color. If you saturate the color by 10%, you get **35.6225, 39.2569, 55.5697**, and if you desaturate by 10%, it is **46.5335, 49.4849, 56.9688**.

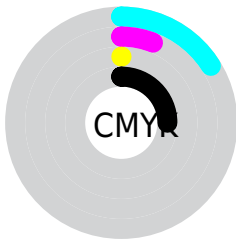
Distribution



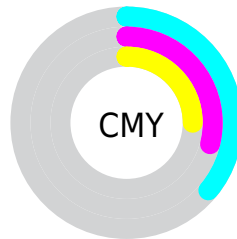
- Red (64%)
- Green (71%)
- Blue (75%)



- Red (64%)
- Yellow (68%)
- Blue (75%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7360, 44.1297, 56.2400 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 40.7360, 44.1297, 56.2400 by changing the saturation by 10% instead.

■ 40.7360, 44.1297,
56.2400

■ 40.7360, 44.1297,
56.2400

340.2975,
363.2373, 428.0090

■ 28.2996, 30.7725,
39.9901

■ 75.5602, 81.4129,
100.8447

■ 18.6932, 20.4257,
27.2171

■ 98.6788, 106.1076,
130.0366

■ 11.5515, 12.7048,
17.5025

126.0887,
135.3503, 164.3795

■ 6.5091, 7.2256,
10.4276

158.1555,
169.5254, 204.2920

■ 3.2006, 3.6036,
5.5741

195.2444,
209.0173, 250.1927

■ 1.2607, 1.4544,
2.5233

237.7208,

■ 0.1535, 0.2563,

254.2103, 302.5001

0.8525

285.9500,
305.4888, 361.6327

■ 0.0000, 0.0000,
0.0000

■ 40.7360, 44.1297,
56.2400

■ 40.7360, 44.1297,
56.2400

■ 35.6225, 39.2569,
55.5697

■ 46.5335, 49.4849,
56.9688

■ 31.1608, 34.8444,
54.9531

■ 53.0376, 55.3328,
57.7547

■ 27.3219, 30.8763,
54.3895

■ 60.2747, 61.6899,
58.6004

■ 24.0726, 27.3334,
53.8769

■ 68.2687, 68.5706,
59.5071

■ 21.3767, 24.1948,
53.4132

■ 75.9288, 75.4144,
60.4244

■ 19.1936, 21.4372,
52.9960

■ 77.9712, 79.4992,
61.1052

■ 17.4761, 19.0341,
52.6227

■ 80.1071, 83.7710,
61.8172

■ 16.1662, 16.9531,
52.2901

■ 82.3378, 88.2322,
62.5607

■ 15.6700, 16.1168,
52.1548

■ 84.6643, 92.8852,
63.3362

Harmonies

Analogous

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



39.5780, 44.1297, 53.2012



40.7360, 44.1297, 56.2400



42.2439, 44.1297, 57.0282

Triad

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



40.7360, 44.1297, 56.2400



44.9718, 44.1297, 47.1978



40.2298, 44.1297, 41.4680

Complementary

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



40.7360, 44.1297, 56.2400



43.3962, 44.0871, 40.4058

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.



41.6454, 44.1297, 40.0669



40.7360, 44.1297, 56.2400



44.4024, 44.1297, 43.2420

Square

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



40.7360, 44.1297, 56.2400



44.7139, 44.1297, 51.6283



43.1756, 44.1297, 40.6959



39.2908, 44.1297, 44.6405

Rectangle

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



40.7360, 44.1297, 56.2400



43.2501, 44.1297, 56.1317



43.1756, 44.1297, 40.6959



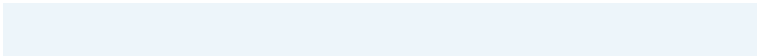
40.6644, 44.1297, 40.7834

Sweetspot

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



40.7373, 44.1315, 56.2410



84.9232, 90.2163, 103.2979



41.3421, 48.4180, 46.9568



18.0492, 19.2000, 22.1400



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.



40.7373, 44.1315, 56.2410



70.2615, 76.6133, 101.4450



37.9611, 38.5791, 55.3156



10.0197, 10.7306, 12.8280



10.6220, 11.0004, 35.1201



0.5249, 0.6072, 1.5394

Inverse Universe

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



42.8978, 40.3434, 48.7082



75.0188, 68.5080, 84.8053



46.3508, 49.9963, 41.3906



10.3212, 10.1771, 11.7821



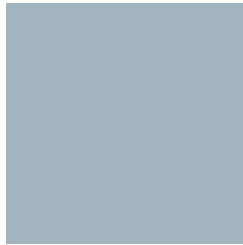
16.7574, 8.3927, 11.9007



0.7573, 0.3759, 0.6895

Previews

White Background



This preview shows how the XYZ color 40.7360, 44.1297, 56.2400 looks on a white background.

Color Contrast Check

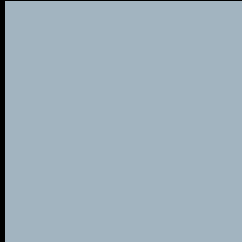
Large Text (above 18pt) WCAG AA × Fail

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 40.7360, 44.1297, 56.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

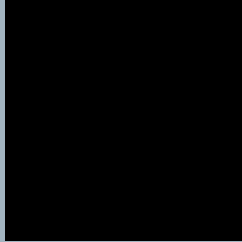
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

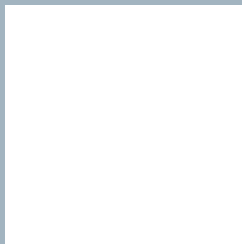
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7360, 44.1297, 56.2400

Background



This preview shows how black text looks on a background with the XYZ color 40.7360, 44.1297, 56.2400.



This preview shows how white text looks on a background with the XYZ color 40.7360, 44.1297,

56.2400.

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

40.7360, 44.1297, 56.2400

Protanopia

42.9511, 44.1155, 54.9666

Deuteranopia

44.9836, 43.9649, 57.1541



Tritanopia

40.9592, 44.2189, 57.4153

Trichromacy



Original Color

40.7360, 44.1297, 56.2400

Protanomaly

42.1394, 43.9765, 55.5575

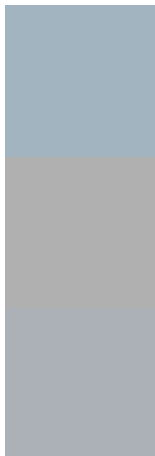
Deuteranomaly

43.3157, 43.9752, 56.6572

Tritanomaly

40.8472, 44.1742, 56.8257

Monochromacy



Original Color

40.7360, 44.1297, 56.2400

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9602, 43.4796, 50.4895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7360, 44.1297, 56.2400 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(162, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 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(162, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 192) }
```

Border

The CSS property to change the border of an element to XYZ 40.7360, 44.1297, 56.2400 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(162, 180, 192) }
```


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

```
.border{ border-color:rgb(162, 180, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7360, 44.1297, 56.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 192) }
```

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

```
.background{ background-color: rgb(162,  
180, 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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