

Converting Colors

XYZ(40.6743, 43.5363, 64.9883)

Have a look what the booklet for
XYZ(40.6743, 43.5363, 64.9883)
contains.

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Color

**XYZ(40.7090, 43.6152,
65.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB3CF
RGB	154, 179, 207
RGB Percent	60%, 70%, 81%
CMY	0.3961, 0.2980, 0.1882
CMYK	0.26, 0.14, 0.00, 0.19
HSL	212°, 36%, 71%
HSV	212°, 26%, 81%
XYZ	40.7090, 43.6152, 65.3045
YIQ	174.7170, -23.8880, 3.4080

Conversions

Conversions Part 2

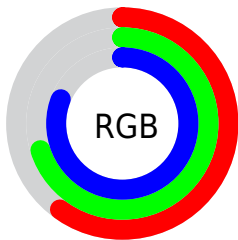
Format	Color
RYB	154, 171, 207
Decimal	10138575
CIELab	71.97, -2.29, -16.99
CIELCh	72, 17.145, 262.330
Yxy	43.6152, 0.2721, 0.2915
Android (android.graphics.Color)	4288328655 (0xFF9AB3CF)
YUV	174.7170, 15.9155, -18.1688
Hunter-Lab	66.0418, -5.5435, -12.3988

Details

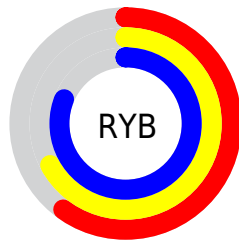
The XYZ color **40.7090, 43.6152, 65.3045** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.2934, 49.0547, 37.4961**, and the grayscale version is **40.5316, 42.6424, 46.4376**.

A 20% lighter version of the original color is **74.0528, 80.1920, 106.1833**, and **18.6901, 20.0464, 33.0213** is the 20% darker color. If you saturate the color by 10%, you get **34.9986, 37.5467, 64.4349**, and if you desaturate by 10%, it is **47.2754, 50.3851, 66.2659**.

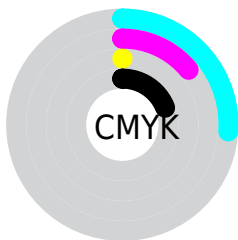
Distribution



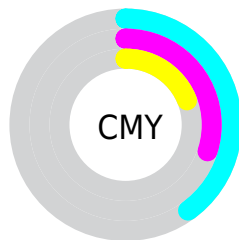
- Red (60%)
- Green (70%)
- Blue (81%)



- Red (60%)
- Yellow (67%)
- Blue (81%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7090, 43.6152, 65.3045 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 40.7090, 43.6152, 65.3045 by changing the saturation by 10% instead.

■ 40.7090, 43.6152,
65.3045

■ 40.7090, 43.6152,
65.3045

340.1863,
361.1357, 462.2215

■ 28.2784, 30.3681,
47.2551

■ 75.5194, 80.6384,
114.1050

■ 18.6772, 20.1182,
32.8816

■ 98.6301, 105.1833,
145.6932

■ 11.5399, 12.4810,
21.7654

126.0314,
134.2629, 182.6314

■ 6.5012, 7.0721,
13.4879

158.0888,
168.2617, 225.3381

■ 3.1957, 3.5072,
7.6307

195.1676,
207.5639, 274.2320

■ 1.2581, 1.4019,
3.7752

237.6333,

■ 0.1515, 0.2182,

252.5541, 329.7315

1.5029

285.8510,
303.6165, 392.2551

■ 0.0000, 0.0000,
0.2201

■ 0.0000, 0.0000,
0.0000

■ 40.7090, 43.6152,
65.3045

■ 40.7090, 43.6152,
65.3045

■ 34.9986, 37.5467,
64.4349

■ 47.2754, 50.3851,
66.2659

■ 30.1011, 32.1484,
63.6510

■ 54.7298, 57.8755,
67.3188

■ 25.9759, 27.3941,
62.9508

■ 63.1078, 66.1113,
68.4669

■ 22.5767, 23.2536,
62.3307

■ 72.4414, 75.1146,
69.7128

■ 19.8516, 19.6935,
61.7872

■ 81.8344, 84.4285,
71.0155

■ 17.7412, 16.6760,
61.3160

■ 85.0387, 90.8372,
72.0836

■ 16.1730, 14.1566,
60.9123

■ 88.2626, 97.2851,
73.1582

■ 15.5975, 13.1748,
60.7532

Harmonies

Analogous

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



38.1127, 43.6152, 61.4115



40.7090, 43.6152, 65.3045



43.6284, 43.6152, 63.9980

Triad

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



40.7090, 43.6152, 65.3045



46.8770, 43.6152, 41.6298



37.1613, 43.6152, 38.3123

Complementary

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



40.7090, 43.6152, 65.3045



48.2934, 49.0547, 37.4961

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.



39.3549, 43.6152, 34.0963



40.7090, 43.6152, 65.3045



44.9871, 43.6152, 35.8487

Square

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



40.7090, 43.6152, 65.3045



47.2812, 43.6152, 49.6714



42.2099, 43.6152, 33.2505



36.1281, 43.6152, 45.3725

Rectangle

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



40.7090, 43.6152, 65.3045



45.3581, 43.6152, 60.4176



42.2099, 43.6152, 33.2505



37.7824, 43.6152, 36.5512

Sweetspot

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



40.7103, 43.6170, 65.3055



84.5969, 89.6500, 107.4532



44.0201, 54.8485, 52.1903



17.7096, 18.7909, 22.9436



0.0000, 0.0000, 0.0000



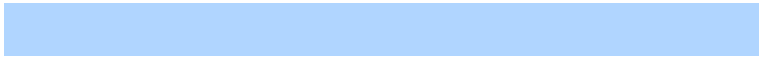
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7103, 43.6170, 65.3055



59.7979, 64.1537, 103.8390



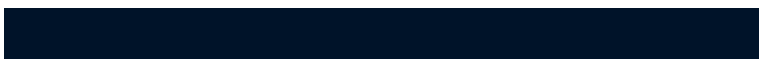
36.3143, 34.5744, 63.7918



11.6170, 12.3242, 15.0102



9.9202, 8.4871, 38.3078



0.6338, 0.6328, 2.1683

Inverse Universe

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



45.4255, 39.6324, 47.9054



68.7963, 57.1074, 70.5077



53.6324, 60.0981, 39.3463



12.0376, 11.8998, 13.4736



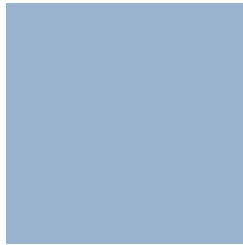
17.6380, 8.9280, 8.2659



1.0262, 0.5152, 0.6725

Previews

White Background



This preview shows how the XYZ color 40.7090, 43.6152, 65.3045 looks on a white background.

Color Contrast Check

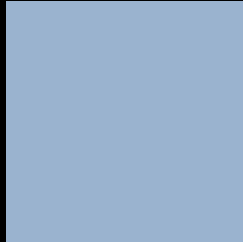
Large Text (above 18pt) WCAG AA × Fail

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 40.7090, 43.6152, 65.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

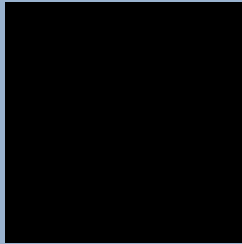
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

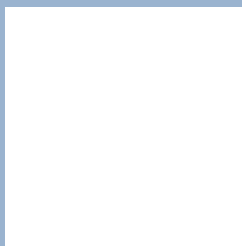
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7090, 43.6152, 65.3045

Background



This preview shows how black text looks on a background with the XYZ color 40.7090, 43.6152, 65.3045.



This preview shows how white text looks on a background with the XYZ color 40.7090, 43.6152,

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

40.7090, 43.6152, 65.3045

Protanopia

43.0236, 43.6775, 63.2898

Deuteranopia

44.2692, 43.4062, 65.7195



Tritanopia

39.3231, 43.6633, 57.9851

Trichromacy



Original Color

40.7090, 43.6152, 65.3045

Protanomaly

42.0618, 43.4578, 63.9289

Deuteranomaly

43.0773, 43.6490, 65.8292

Tritanomaly

39.7669, 43.5383, 60.3406

Monochromacy



Original Color

40.7090, 43.6152, 65.3045

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4313, 42.8540, 53.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7090, 43.6152, 65.3045 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(154, 179, 207)` looks like.

```
.text, #text, p{  
    color:rgb(154, 179, 207)  
}
```

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(154, 179, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 179, 207) }
```

Border

The CSS property to change the border of an element to XYZ 40.7090, 43.6152, 65.3045 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(154, 179, 207) }
```


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

```
.border{ border-color:rgb(154, 179, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 179, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 179, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 179, 207);  
box-shadow:4px 4px 4px 4px rgb(154, 179,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7090, 43.6152, 65.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 179, 207) }
```

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

```
.background{ background-color: rgb(154,  
179, 207) }
```

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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