

Converting Colors

XYZ(40.6811, 43.3701, 65.3854)

Have a look what the booklet for
XYZ(40.6811, 43.3701, 65.3854)
contains.

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Color

**XYZ(40.7004, 43.3143,
65.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB2CF
RGB	155, 178, 207
RGB Percent	61%, 70%, 81%
CMY	0.3921, 0.3019, 0.1882
CMYK	0.25, 0.14, 0.00, 0.19
HSL	213°, 35%, 71%
HSV	213°, 25%, 81%
XYZ	40.7004, 43.3143, 65.2468
YIQ	174.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

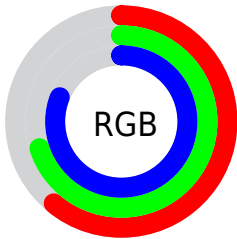
Format	Color
RYB	155, 171, 207
Decimal	10203855
CIELab	71.77, -1.44, -17.29
CIElCh	72, 17.351, 265.237
Yxy	43.3143, 0.2727, 0.2902
Android (android.graphics.Color)	4288393935 (0xFF9BB2CF)
YUV	174.4290, 16.0575, -17.0392
Hunter-Lab	65.8136, -4.7860, -12.7099

Details

The XYZ color **40.7004, 43.3143, 65.2468** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.7895, 49.9131, 38.0741**, and the grayscale version is **40.3822, 42.4852, 46.2664**.

A 20% lighter version of the original color is **74.0512, 79.7673, 106.1015**, and **18.6769, 19.8507, 32.9842** is the 20% darker color. If you saturate the color by 10%, you get **34.8624, 37.0382, 64.3438**, and if you desaturate by 10%, it is **47.4154, 50.3315, 66.2481**.

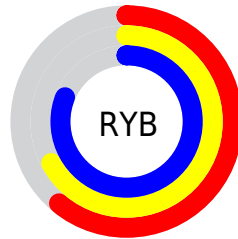
Distribution



Red (61%)

Green (70%)

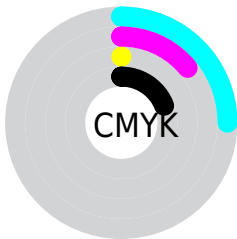
Blue (81%)



Red (61%)

Yellow (67%)

Blue (81%)

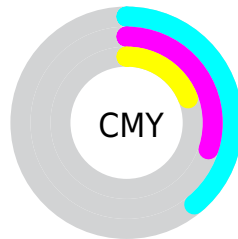


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (39%)

Magenta (30%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7004, 43.3143, 65.2468 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 40.7004, 43.3143, 65.2468 by changing the saturation by 10% instead.

■ 40.7004, 43.3143,
65.2468

■ 40.7004, 43.3143,
65.2468

340.1509,
359.9027, 462.0088

■ 28.2717, 30.1318,
47.2086

■ 75.5065, 80.1849,
114.0213

■ 18.6721, 19.9386,
32.8451

■ 98.6145, 104.6419,
145.5946

■ 11.5362, 12.3505,
21.7376

126.0131,
133.6257, 182.5168

■ 6.4986, 6.9828,
13.4678

158.0675,
167.5209, 225.2064

■ 3.1941, 3.4514,
7.6169

195.1432,
206.7118, 274.0818

■ 1.2572, 1.3717,
3.7666

237.6054,

■ 0.1508, 0.1957,

251.5828, 329.5616

1.4982

285.8195,
302.5183, 392.0645

■ 0.0000, 0.0000,
0.2166

■ 0.0000, 0.0000,
0.0000

■ 40.7004, 43.3143,
65.2468

■ 40.7004, 43.3143,
65.2468

■ 34.8624, 37.0382,
64.3438

■ 47.4154, 50.3315,
66.2481

■ 29.8578, 31.4707,
63.5329

■ 55.0402, 58.1105,
67.3477

■ 25.6454, 26.5841,
62.8118

■ 63.6108, 66.6773,
68.5495

■ 22.1783, 22.3468,
62.1766

■ 73.1598, 76.0551,
69.8563

■ 19.4041, 18.7237,
61.6235

■ 82.4180, 85.5957,
71.2099

■ 17.2629, 15.6756,
61.1480

■ 85.8445, 92.4489,
72.3521

■ 15.6821, 13.1563,
60.7451

■ 88.2626, 97.2850,
73.1581

■ 15.0522, 12.0842,
60.5713

Harmonies

Analogous

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



38.0228, 43.3143, 61.7844



40.7004, 43.3143, 65.2468



43.6317, 43.3143, 63.4112

Triad

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



40.7004, 43.3143, 65.2468



46.5084, 43.3143, 40.5775



36.6884, 43.3143, 38.5034

Complementary

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



40.7004, 43.3143, 65.2468



48.7895, 49.9131, 38.0741

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.



38.8006, 43.3143, 33.9567



40.7004, 43.3143, 65.2468



44.4840, 43.3143, 35.0503

Square

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



40.7004, 43.3143, 65.2468



47.0760, 43.3143, 48.5218



41.6411, 43.3143, 32.7718



35.7779, 43.3143, 45.8277

Rectangle

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



40.7004, 43.3143, 65.2468



45.3234, 43.3143, 59.5330



41.6411, 43.3143, 32.7718



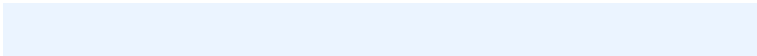
37.2764, 43.3143, 36.6356

Sweetspot

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



40.7017, 43.3160, 65.2478



84.4166, 89.2893, 107.3931



44.4411, 55.0390, 53.4101



17.6643, 18.7002, 22.9284



0.0000, 0.0000, 0.0000



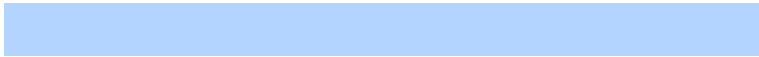
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7017, 43.3160, 65.2478



60.1534, 64.0009, 103.7907



37.0068, 35.1774, 63.8716



11.5879, 12.2661, 15.0005



9.5745, 7.7957, 38.1926



0.6138, 0.5929, 2.1616

Inverse Universe

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



45.4904, 39.9235, 47.4297



69.1866, 58.0707, 70.0741



53.2416, 59.8869, 39.7646



12.0229, 11.8939, 13.3963



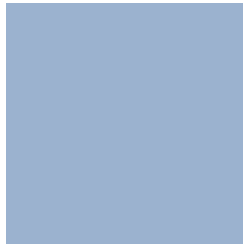
17.4635, 8.8582, 7.3470



1.0161, 0.5111, 0.6194

Previews

White Background



This preview shows how the XYZ color 40.7004, 43.3143, 65.2468 looks on a white background.

Color Contrast Check

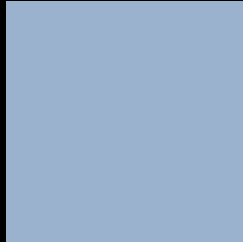
Large Text (above 18pt) WCAG AA × Fail

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 40.7004, 43.3143, 65.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

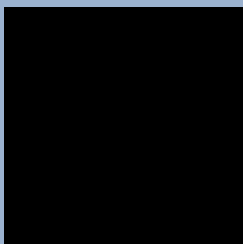
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

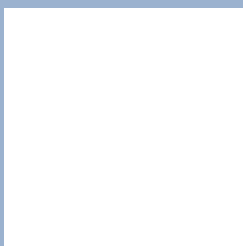
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7004, 43.3143, 65.2468

Background



This preview shows how black text looks on a background with the XYZ color 40.7004, 43.3143, 65.2468.



This preview shows how white text looks on a background with the XYZ color 40.7004, 43.3143,

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

40.7004, 43.3143, 65.2468

Protanopia

42.6127, 43.1778, 63.2150

Deuteranopia

44.0795, 43.0270, 65.6563



Tritanopia

39.0078, 43.2130, 57.3239

Trichromacy



Original Color

40.7004, 43.3143, 65.2468

Protanomaly

41.8665, 43.0671, 63.8638

Deuteranomaly

42.8834, 43.2612, 65.7646

Tritanomaly

39.5658, 43.1360, 60.2736

Monochromacy



Original Color

40.7004, 43.3143, 65.2468

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1292, 42.4206, 52.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7004, 43.3143, 65.2468 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(155, 178, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 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(155, 178, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 207) }
```

Border

The CSS property to change the border of an element to XYZ 40.7004, 43.3143, 65.2468 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(155, 178, 207) }
```


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

```
.border{ border-color:rgb(155, 178, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 178, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 178, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 178, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 178,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7004, 43.3143, 65.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 207) }
```

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

```
.background{ background-color: rgb(155,  
178, 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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