

Converting Colors

XYZ(40.9193, 43.1748, 63.3036)

Have a look what the booklet for
XYZ(40.9193, 43.1748, 63.3036)
contains.

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Color

**XYZ(40.9193, 43.1748,
63.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB1CC
RGB	159, 177, 204
RGB Percent	62%, 69%, 80%
CMY	0.3765, 0.3059, 0.2000
CMYK	0.22, 0.13, 0.00, 0.20
HSL	216°, 31%, 71%
HSV	216°, 22%, 80%
XYZ	40.9193, 43.1748, 63.3036
YIQ	174.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

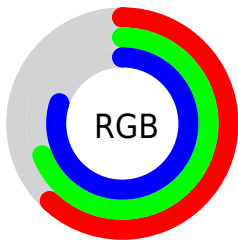
Format	Color
RYB	159, 172, 204
Decimal	10465740
CIELab	71.67, -0.36, -15.76
CIELCh	72, 15.767, 268.693
Yxy	43.1748, 0.2776, 0.2929
Android (android.graphics.Color)	4288655820 (0xFF9FB1CC)
YUV	174.6960, 14.4469, -13.7654
Hunter-Lab	65.7075, -3.8275, -11.1256

Details

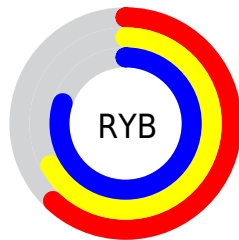
The XYZ color **40.9193, 43.1748, 63.3036** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7193, 50.4586, 39.9737**, and the grayscale version is **40.5265, 42.6370, 46.4317**.

A 20% lighter version of the original color is **74.9205, 79.7940, 106.0608**, and **18.9020, 19.9950, 31.7173** is the 20% darker color. If you saturate the color by 10%, you get **34.8930, 36.6398, 62.3605**, and if you desaturate by 10%, it is **47.8327, 50.4912, 64.3521**.

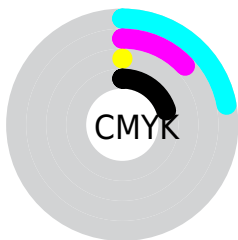
Distribution



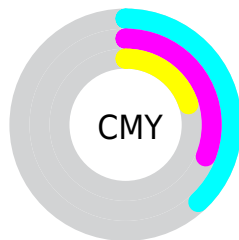
- Red (62%)
- Green (69%)
- Blue (80%)



- Red (62%)
- Yellow (67%)
- Blue (80%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9193, 43.1748, 63.3036 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 40.9193, 43.1748, 63.3036 by changing the saturation by 10% instead.

■ 40.9193, 43.1748,
63.3036

■ 40.9193, 43.1748,
63.3036

341.0516,
359.3301, 454.8087

■ 28.4434, 30.0223,
45.6443

■ 75.8369, 79.9746,
111.1972

■ 18.8023, 19.8555,
31.6186

■ 99.0092, 104.3906,
142.2686

■ 11.6307, 12.2901,
20.8079

126.4779,
133.3300, 178.6477

■ 6.5631, 6.9415,
12.7938

158.6080,
167.1770, 220.7531

■ 3.2343, 3.4256,
7.1577

195.7651,
206.3162, 269.0034

■ 1.2789, 1.3577,
3.4810

238.3145,

■ 0.1673, 0.1853,

251.1318, 323.8171

1.3452

286.6215,
302.0083, 385.6127

■ 0.0000, 0.0000,
0.0984

■ 0.0000, 0.0000,
0.0000

■ 40.9193, 43.1748,
63.3036

■ 40.9193, 43.1748,
63.3036

■ 34.8930, 36.6398,
62.3605

■ 47.8327, 50.4912,
64.3521

■ 29.7115, 30.8527,
61.5166

■ 55.6652, 58.6104,
65.5065

■ 25.3348, 25.7851,
60.7692

■ 64.4520, 67.5593,
66.7707

■ 21.7175, 21.4047,
60.1143

■ 74.2252, 77.3621,
68.1477

■ 18.8098, 17.6759,
59.5478

■ 82.7721, 86.8854,
69.5354

■ 16.5548, 14.5595,
59.0651

■ 86.4616, 94.2644,
70.7653

■ 14.8856, 12.0100,
58.6610

■ 87.8992, 97.1397,
71.2445

■ 13.8870, 10.3353,
58.3904

Harmonies

Analogous

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



38.4248, 43.1748, 60.7320



40.9193, 43.1748, 63.3036



43.5522, 43.1748, 61.1309

Triad

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



40.9193, 43.1748, 63.3036



45.7090, 43.1748, 40.2951



36.8024, 43.1748, 39.7729

Complementary

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



40.9193, 43.1748, 63.3036



48.7193, 50.4586, 39.9737

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.



38.6193, 43.1748, 35.2506



40.9193, 43.1748, 63.3036



43.7637, 43.1748, 35.5283

Square

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



40.9193, 43.1748, 63.3036



46.3887, 43.1748, 47.3464



41.1536, 43.1748, 33.7837



36.1124, 43.1748, 46.6753

Rectangle

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



40.9193, 43.1748, 63.3036



45.0170, 43.1748, 57.4042



41.1536, 43.1748, 33.7837



37.2976, 43.1748, 37.9530

Sweetspot

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



40.9206, 43.1766, 63.3046



85.4634, 90.1268, 107.4995



44.6752, 54.0708, 54.1204



18.1236, 19.1155, 22.9844



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.



40.9206, 43.1766, 63.3046



63.3190, 66.7147, 104.1477



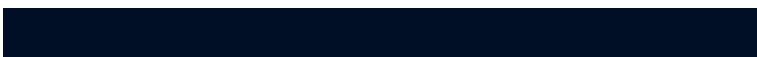
38.3514, 36.9172, 62.2318



10.9639, 11.5683, 14.2254



8.8262, 6.6763, 36.7797



0.5290, 0.4918, 1.9220

Inverse Universe

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



45.2369, 40.8091, 47.0895



71.6675, 62.4440, 72.7155



51.7379, 58.0035, 41.2709



11.3951, 11.2868, 12.6155



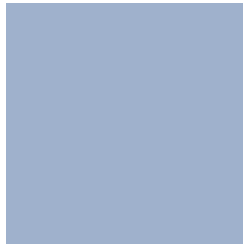
16.6659, 8.4770, 5.9595



0.8970, 0.4522, 0.5033

Previews

White Background



This preview shows how the XYZ color 40.9193, 43.1748, 63.3036 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 40.9193, 43.1748, 63.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

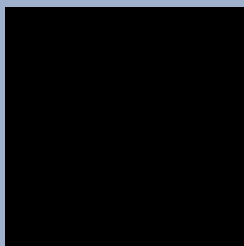
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9193, 43.1748, 63.3036

Background



This preview shows how black text looks on a background with the XYZ color 40.9193, 43.1748, 63.3036.



This preview shows how white text looks on a background with the XYZ color 40.9193, 43.1748,

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

40.9193, 43.1748, 63.3036

Protanopia

42.3743, 43.0824, 61.9595

Deuteranopia

43.9425, 42.9986, 63.7411



Tritanopia

39.6504, 43.2586, 56.7120

Trichromacy



Original Color

40.9193, 43.1748, 63.3036

Protanomaly

41.8353, 43.0787, 62.6100

Deuteranomaly

42.7576, 42.9528, 63.7948

Tritanomaly

40.0990, 43.1411, 59.0369

Monochromacy



Original Color

40.9193, 43.1748, 63.3036

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7504, 43.0309, 52.6124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9193, 43.1748, 63.3036 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(159, 177, 204)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 204)  
}
```

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(159, 177, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 204) }
```

Border

The CSS property to change the border of an element to XYZ 40.9193, 43.1748, 63.3036 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(159, 177, 204) }
```


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

```
.border{ border-color:rgb(159, 177, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 177, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 204);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9193, 43.1748, 63.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 204) }
```

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

```
.background{ background-color: rgb(159,  
177, 204) }
```

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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