

Converting Colors

XYZ(35.1891, 40.4804, 51.3062)

Have a look what the booklet for
XYZ(35.1891, 40.4804, 51.3062)
contains.

XYZ(35.1891, 40.4804, 51.3062)	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(35.1891, 40.4804,
51.3062)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB1B8
RGB	140, 177, 184
RGB Percent	55%, 69%, 72%
CMY	0.4510, 0.3059, 0.2784
CMYK	0.24, 0.04, 0.00, 0.28
HSL	190°, 24%, 64%
HSV	190°, 24%, 72%
XYZ	35.1891, 40.4804, 51.3062
YIQ	166.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

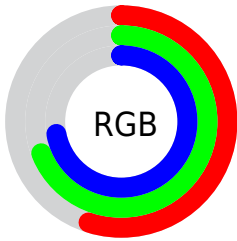
Format	Color
R_{YB}	140, 160, 184
Decimal	9220536
CIE _{Lab}	69.81, -10.85, -7.68
CIE _{LCh}	70, 13.291, 215.316
Yxy	40.4804, 0.2771, 0.3188
Android (android.graphics.Color)	4287410616 (0xFF8CB1B8)
YUV	166.7350, 8.5116, -23.4466
Hunter-Lab	63.6242, -12.6181, -3.2742

Details

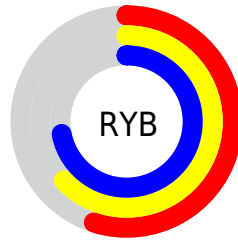
The XYZ color **35.1891, 40.4804, 51.3062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9350, 32.9515, 29.3309**, and the grayscale version is **36.5710, 38.4756, 41.8999**.

A 20% lighter version of the original color is **67.1152, 76.0384, 93.5776**, and **15.4242, 18.1778, 24.1685** is the 20% darker color. If you saturate the color by 10%, you get **31.7726, 37.8712, 50.9833**, and if you desaturate by 10%, it is **39.1388, 43.3849, 51.6593**.

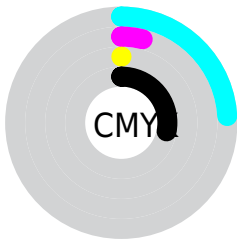
Distribution



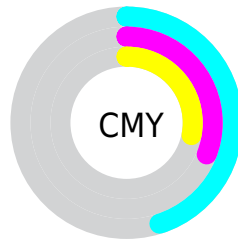
- Red (55%)
- Green (69%)
- Blue (72%)



- Red (55%)
- Yellow (63%)
- Blue (72%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1891, 40.4804, 51.3062 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 35.1891, 40.4804, 51.3062 by changing the saturation by 10% instead.

■ 35.1891, 40.4804,
51.3062

■ 35.1891, 40.4804,
51.3062

316.8956,
348.1442, 408.6327

■ 23.9758, 27.9133,
36.0739

■ 67.1107, 75.8945,
93.5234

■ 15.4403, 18.2603,
24.2012

■ 88.5497, 99.5103,
121.3453

■ 9.2173, 11.1370,
15.2693

■ 114.1279,
127.5778, 154.2010

■ 4.9414, 6.1591,
8.8599

144.2108,
160.4813, 192.5088

■ 2.2473, 2.9421,
4.5544

179.1637,
198.6053, 236.6873

■ 0.7675, 1.1016,
1.9341

219.3519,

■ 0.0000, 0.0000,

242.3343, 287.1551

0.5143

265.1407,
292.0524, 344.3308

■ 0.0000, 0.0000,
0.0000

■ 35.1891, 40.4804,
51.3062

■ 35.1891, 40.4804,
51.3062

■ 31.7726, 37.8712,
50.9833

■ 39.1388, 43.3849,
51.6593

■ 28.8600, 35.5390,
50.6867

■ 43.6422, 46.5924,
52.0411

■ 26.4243, 33.4709,
50.4159

■ 48.7231, 50.1162,
52.4534

■ 24.4347, 31.6508,
50.1694

■ 54.4027, 53.9674,
52.8974

■ 22.8567, 30.0609,
49.9457

■ 60.7012, 58.1564,
53.3740

■ 21.6505, 28.6804,
49.7428

■ 67.6379, 62.6935,
53.8842

■ 20.7682, 27.4846,
49.5585

■ 69.9692, 64.8754,
54.1825

■ 20.3295, 26.8160,
49.4526

■ 70.6423, 66.2217,
54.4068

■ 71.3284, 67.5939,
54.6355

Harmonies

Analogous

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



34.4914, 40.4804, 45.1860



35.1891, 40.4804, 51.3062



36.7690, 40.4804, 55.7750

Triad

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



35.1891, 40.4804, 51.3062



42.3686, 40.4804, 49.2257



38.0924, 40.4804, 33.2747

Complementary

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



35.1891, 40.4804, 51.3062



34.9350, 32.9515, 29.3309

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.



40.2338, 40.4804, 34.1397



35.1891, 40.4804, 51.3062



42.7550, 40.4804, 42.9849

Square

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



35.1891, 40.4804, 51.3062



40.9234, 40.4804, 54.4974



41.9602, 40.4804, 37.5596



36.1271, 40.4804, 35.0763

Rectangle

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



35.1891, 40.4804, 51.3062



38.1377, 40.4804, 57.0075



41.9602, 40.4804, 37.5596



38.8151, 40.4804, 33.2652

Sweetspot

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



35.1903, 40.4820, 51.3071



76.3840, 82.5354, 94.1097



33.1916, 41.9512, 33.7884



16.3609, 17.7178, 20.2792



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.1903, 40.4820, 51.3071



60.2227, 70.6824, 92.6736



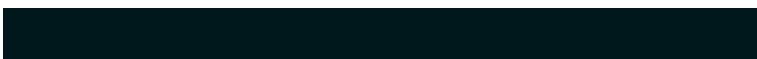
31.2558, 32.6131, 49.9956



9.1418, 9.9608, 11.5202



14.0536, 18.5669, 34.0961



0.5284, 0.7205, 1.2130

Inverse Universe

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



37.0820, 32.1218, 45.8425



64.3365, 52.9297, 80.6943



38.6152, 40.3119, 30.5576



9.3179, 9.1375, 11.0215



17.7073, 8.6567, 22.1432



0.6409, 0.3118, 0.8683

Previews

White Background



This preview shows how the XYZ color 35.1891, 40.4804, 51.3062 looks on a white background.

Color Contrast Check

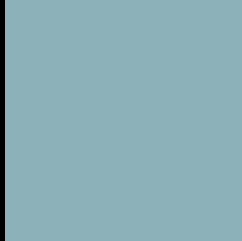
Large Text (above 18pt) WCAG AA × Fail

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 35.1891, 40.4804, 51.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

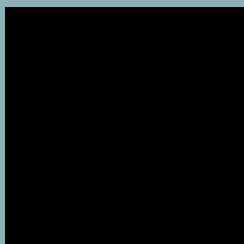
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

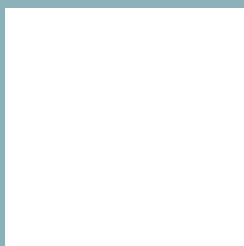
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1891, 40.4804, 51.3062

Background



This preview shows how black text looks on a background with the XYZ color 35.1891, 40.4804, 51.3062.



This preview shows how white text looks on a background with the XYZ color 35.1891, 40.4804,

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

35.1891, 40.4804, 51.3062

Protanopia

38.9022, 40.1767, 48.3523

Deuteranopia

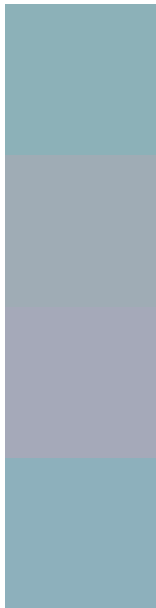
40.9085, 40.0391, 52.0266



Tritanopia

35.8041, 40.4311, 54.6321

Trichromacy



Original Color

35.1891, 40.4804, 51.3062

Protanomaly

37.3911, 40.2122, 49.5071

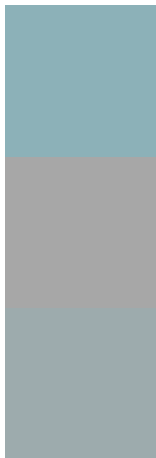
Deuteranomaly

38.4620, 39.8780, 51.5690

Tritanomaly

35.5869, 40.3442, 53.4885

Monochromacy



Original Color

35.1891, 40.4804, 51.3062

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0104, 39.3110, 45.2250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1891, 40.4804, 51.3062 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(140, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(140, 177, 184)  
}
```

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(140, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.1891, 40.4804, 51.3062 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(140, 177, 184) }
```


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

```
.border{ border-color:rgb(140, 177, 184) }
```

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

Here you see how a box with a 4 pixel rgb(140, 177, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(140, 177,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1891, 40.4804, 51.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 177, 184) }
```

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

```
.background{ background-color: rgb(140,  
177, 184) }
```

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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