

Converting Colors

XYZ(51.1115, 61.2568, 91.7246)

Have a look what the booklet for
XYZ(51.1115, 61.2568, 91.7246)
contains.

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Color

**XYZ(51.1885, 61.4059,
91.5927)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD9F0
RGB	139, 217, 240
RGB Percent	55%, 85%, 94%
CMY	0.4549, 0.1490, 0.0588
CMYK	0.42, 0.10, 0.00, 0.06
HSL	194°, 77%, 74%
HSV	194°, 42%, 94%
XYZ	51.1885, 61.4059, 91.5927
YIQ	196.3000, -53.8710, -9.3830

Conversions

Conversions Part 2

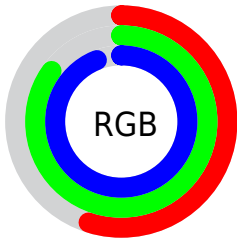
Format	Color
RYB	139, 183, 240
Decimal	9165296
CIELab	82.60, -18.18, -18.80
CIElCh	83, 26.158, 225.959
Yxy	61.4059, 0.2507, 0.3007
Android (android.graphics.Color)	4287355376 (0xFF8BD9F0)
YUV	196.3000, 21.5441, -50.2521
Hunter-Lab	78.3619, -20.5315, -14.4473

Details

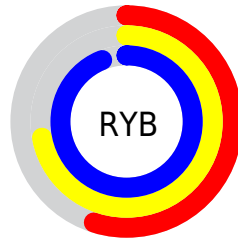
The XYZ color **51.1885, 61.4059, 91.5927** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5170, 46.2313, 30.5308**, and the grayscale version is **52.5489, 55.2855, 60.2059**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.0517, 31.0952, 50.0290** is the 20% darker color. If you saturate the color by 10%, you get **46.2275, 56.7931, 90.9649**, and if you desaturate by 10%, it is **57.0796, 66.5702, 92.2801**.

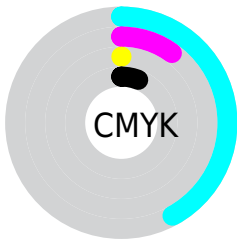
Distribution



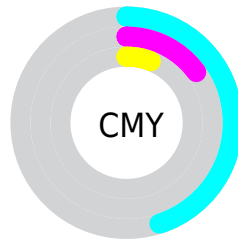
- Red (55%)
- Green (85%)
- Blue (94%)



- Red (55%)
- Yellow (72%)
- Blue (94%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1885, 61.4059, 91.5927 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 51.1885, 61.4059, 91.5927 by changing the saturation by 10% instead.

51.1885, 61.4059,
91.5927

51.1885, 61.4059,
91.5927

381.6713,
429.7607, 553.9016

36.5803, 44.5528,
68.7212

91.1147, 106.8664,
151.5035

25.0549, 31.1054,
50.0144

117.1634,
136.2427, 189.3800

16.2469, 20.6791,
35.0536

147.7563,
170.5621, 233.0952

9.7910, 12.8896,
23.4203

183.2587,
210.2091, 283.0678

5.3218, 7.3526,
14.6959

224.0361,
255.5681, 339.7161

2.4740, 3.6836,
8.4620

270.4538,

0.8821, 1.4982,

307.0234, 403.4588

4.3000

322.8770,
364.9595, 474.7145

■ 0.0000, 0.2874,
1.7913

■ 0.0000, 0.0000,
0.4222

■ 51.1885, 61.4059,
91.5927

■ 51.1885, 61.4059,
91.5927

■ 46.2275, 56.7931,
90.9649

■ 57.0796, 66.5702,
92.2801

■ 42.1322, 52.6937,
90.3895

■ 63.9483, 72.3071,
93.0254

■ 38.8389, 49.0757,
89.8647

■ 71.8457, 78.6448,
93.8325

■ 36.2721, 45.8995,
89.3869

■ 80.8177, 85.6077,
94.7036

■ 34.3409, 43.1176,
88.9517

■ 89.4181, 92.4508,
95.5711

■ 33.1509, 41.1363,
88.6320

■ 91.0900, 95.7945,
96.1284

■ 92.7284, 99.0714,
96.6746

Harmonies

Analogous

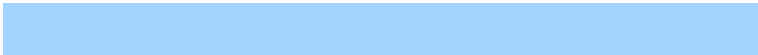
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.6037, 61.4059, 75.7113



51.1885, 61.4059, 91.5927



55.7887, 61.4059, 101.4960

Triad

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



51.1885, 61.4059, 91.5927



69.4564, 61.4059, 74.6317



55.4511, 61.4059, 41.3590

Complementary

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



51.1885, 61.4059, 91.5927



53.5170, 46.2313, 30.5308

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.



61.0183, 61.4059, 41.1651



51.1885, 61.4059, 91.5927



69.3516, 61.4059, 58.7280

Square

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



51.1885, 61.4059, 91.5927



66.4595, 61.4059, 90.6941



66.1816, 61.4059, 47.0370



50.9550, 61.4059, 47.6175

Rectangle

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



51.1885, 61.4059, 91.5927



59.4906, 61.4059, 102.4969



66.1816, 61.4059, 47.0370



57.2527, 61.4059, 40.6208

Sweetspot

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



51.1904, 61.4083, 91.5941



81.5273, 89.5239, 107.5906



48.2318, 70.3796, 44.7087



17.0038, 18.8073, 22.9839



0.0000, 0.0000, 0.0000



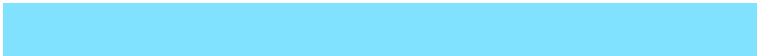
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1904, 61.4083, 91.5941



54.0645, 66.1453, 104.5256



40.3093, 39.6460, 87.9671



15.9244, 17.2829, 20.2182



18.2520, 22.7283, 48.5529



1.5920, 2.0380, 4.0637

Inverse Universe

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



57.6938, 42.0020, 70.7145



62.6171, 42.0574, 76.7455



63.9864, 67.1701, 34.0206



16.2913, 15.9662, 19.0901



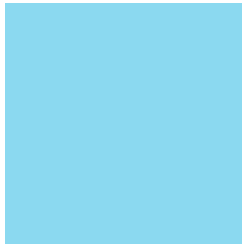
24.5384, 12.0878, 26.5495



2.0785, 1.0205, 2.4044

Previews

White Background



This preview shows how the XYZ color 51.1885, 61.4059, 91.5927 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 51.1885, 61.4059, 91.5927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

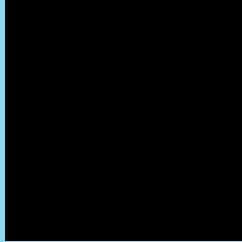
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1885, 61.4059, 91.5927

Background



This preview shows how black text looks on a background with the XYZ color 51.1885, 61.4059, 91.5927.



This preview shows how white text looks on a background with the XYZ color 51.1885, 61.4059,

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

51.1885, 61.4059, 91.5927

Protanopia

59.5992, 60.7608, 84.1881

Deuteranopia

62.1602, 60.8193, 94.0511



Tritanopia

50.5480, 61.5442, 87.8123

Trichromacy



Original Color

51.1885, 61.4059, 91.5927

Protanomaly

55.7673, 60.5172, 86.5836

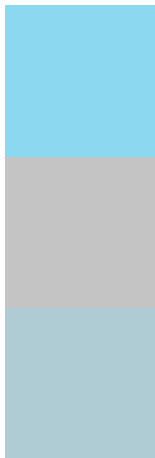
Deuteranomaly

57.3050, 60.4374, 93.4393

Tritanomaly

50.8387, 61.6605, 89.3429

Monochromacy



Original Color

51.1885, 61.4059, 91.5927

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.1557, 57.0532, 70.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1885, 61.4059, 91.5927 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(139, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(139, 217, 240)  
}
```

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(139, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 217, 240) }
```

Border

The CSS property to change the border of an element to XYZ 51.1885, 61.4059, 91.5927 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(139, 217, 240) }
```


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

```
.border{ border-color:rgb(139, 217, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 217, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(139, 217,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1885, 61.4059, 91.5927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 217, 240) }
```

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

```
.background{ background-color: rgb(139,  
217, 240) }
```

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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