

Converting Colors

XYZ(51.1839, 60.6429, 91.4457)

Have a look what the booklet for
XYZ(51.1839, 60.6429, 91.4457)
contains.

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Color

**XYZ(51.1839, 60.6429,
91.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED7F0
RGB	142, 215, 240
RGB Percent	56%, 84%, 94%
CMY	0.4431, 0.1568, 0.0588
CMYK	0.41, 0.10, 0.00, 0.06
HSL	195°, 77%, 75%
HSV	195°, 41%, 94%
XYZ	51.1839, 60.6429, 91.4457
YIQ	196.0230, -51.5330, -7.7010

Conversions

Conversions Part 2

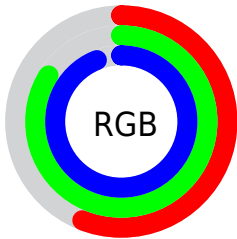
Format	Color
R _Y B	142, 184, 240
Decimal	9361392
CIE Lab	82.19, -16.43, -19.41
CIE LCh	82, 25.429, 229.755
Yxy	60.6429, 0.2518, 0.2983
Android (android.graphics.Color)	4287551472 (0xFF8ED7F0)
YUV	196.0230, 21.6807, -47.3782
Hunter-Lab	77.8736, -18.9561, -15.1118

Details

The XYZ color **51.1839, 60.6429, 91.4457** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6375, 48.1167, 32.0005**, and the grayscale version is **52.3809, 55.1088, 60.0135**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **25.0603, 30.5807, 49.9293** is the 20% darker color. If you saturate the color by 10%, you get **45.9716, 55.6860, 90.7647**, and if you desaturate by 10%, it is **57.3448, 66.1781, 92.1905**.

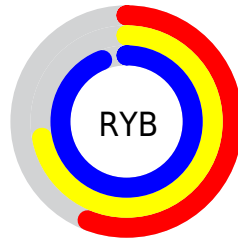
Distribution



Red (56%)

Green (84%)

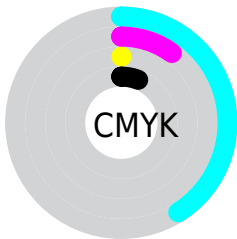
Blue (94%)



Red (56%)

Yellow (72%)

Blue (94%)

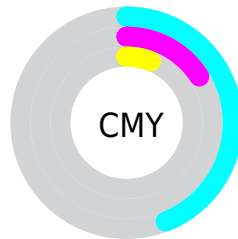


Cyan (41%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (44%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1839, 60.6429, 91.4457 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 51.1839, 60.6429, 91.4457 by changing the saturation by 10% instead.

■ 51.1839, 60.6429,
91.4457

■ 51.1839, 60.6429,
91.4457

381.6538,
426.9634, 553.4135

■ 36.5766, 43.9370,
68.5999

■ 91.1079, 105.7617,
151.2979

■ 25.0520, 30.6210,
49.9162

■ 117.1554,
134.9435, 189.1414

■ 16.2448, 20.3104,
34.9761

147.7469,
169.0526, 232.8212

■ 9.7895, 12.6209,
23.3610

183.2480,
208.4736, 282.7558

■ 5.3208, 7.1680,
14.6525

224.0238,
253.5908, 339.3638

■ 2.4734, 3.5674,
8.4320

270.4398,

■ 0.8818, 1.4346,

304.7885, 403.0637

4.2809

322.8613,
362.4513, 474.2741

■ 0.0000, 0.2420,
1.7807

■ 0.0000, 0.0000,
0.4152

■ 51.1839, 60.6429,
91.4457

■ 51.1839, 60.6429,
91.4457

■ 45.9716, 55.6860,
90.7647

■ 57.3448, 66.1781,
92.1905

■ 41.6440, 51.2696,
90.1403

■ 64.5016, 72.3129,
92.9974

■ 38.1384, 47.3616,
89.5708

■ 72.7050, 79.0757,
93.8704

■ 35.3805, 43.9228,
89.0524

■ 82.0006, 86.4908,
94.8117

■ 33.2816, 40.9065,
88.5808

■ 89.8069, 93.2284,
95.7007

■ 31.8045, 38.4436,
88.1833

■ 91.6960, 97.0066,
96.3304

■ 92.7284, 99.0714,
96.6746

Harmonies

Analogous

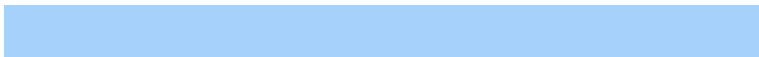
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.4033, 60.6429, 76.6063



51.1839, 60.6429, 91.4457



55.8109, 60.6429, 99.8530

Triad

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



51.1839, 60.6429, 91.4457



68.4800, 60.6429, 71.4651



54.1984, 60.6429, 41.7976

Complementary

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



51.1839, 60.6429, 91.4457



54.6375, 48.1167, 32.0005

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.



59.5071, 60.6429, 40.8634



51.1839, 60.6429, 91.4457



67.9811, 60.6429, 56.4745

Square

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



51.1839, 60.6429, 91.4457



65.9390, 60.6429, 87.1801



64.6158, 60.6429, 45.8221



50.0669, 60.6429, 48.6109

Rectangle

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



51.1839, 60.6429, 91.4457



59.4176, 60.6429, 99.9113



64.6158, 60.6429, 45.8221



55.8968, 60.6429, 40.8312

Sweetspot

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



51.1858, 60.6452, 91.4471



82.2348, 89.7718, 107.6012



49.2457, 70.8438, 47.3977



17.3267, 18.9907, 23.0023



0.0000, 0.0000, 0.0000



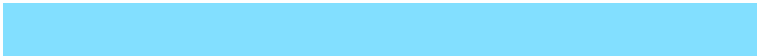
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1858, 60.6452, 91.4471



53.6852, 64.8130, 104.2884



40.6123, 39.4983, 87.9226



15.8862, 17.2065, 20.2055



17.5223, 21.2689, 48.3097



1.5368, 1.9276, 4.0453

Inverse Universe

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



57.8755, 42.7792, 69.4993



62.5657, 42.5731, 74.8217



65.2469, 69.3356, 35.5370



16.2720, 15.9585, 18.9885



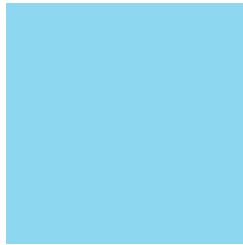
24.1701, 11.9405, 24.6099



2.0506, 1.0093, 2.2575

Previews

White Background



This preview shows how the XYZ color 51.1839, 60.6429, 91.4457 looks on a white background.

Color Contrast Check

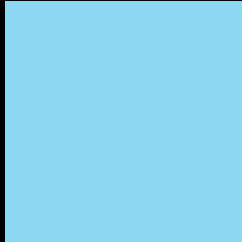
Large Text (above 18pt) WCAG AA × Fail

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 51.1839, 60.6429, 91.4457 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 51.1839, 60.6429, 91.4457

Background



This preview shows how black text looks on a background with the XYZ color 51.1839, 60.6429, 91.4457.



This preview shows how white text looks on a background with the XYZ color 51.1839, 60.6429,

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

51.1839, 60.6429, 91.4457

Protanopia

59.0975, 60.1527, 84.0972

Deuteranopia

61.5029, 60.1553, 93.1636



Tritanopia

50.0791, 60.5704, 86.1426

Trichromacy



Original Color

51.1839, 60.6429, 91.4457

Protanomaly

55.5242, 60.0311, 86.5026

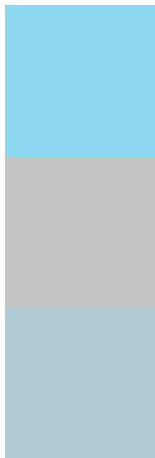
Deuteranomaly

56.9144, 59.8972, 92.5660

Tritanomaly

50.6807, 60.8306, 88.4272

Monochromacy



Original Color

51.1839, 60.6429, 91.4457

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.1441, 56.6954, 70.5351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1839, 60.6429, 91.4457 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(142, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(142, 215, 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(142, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 51.1839, 60.6429, 91.4457 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(142, 215, 240) }
```


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

```
.border{ border-color:rgb(142, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(142, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1839, 60.6429, 91.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 215, 240) }
```

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

```
.background{ background-color: rgb(142,  
215, 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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