

Converting Colors

XYZ(51.0136, 60.7444, 93.2375)

Have a look what the booklet for
XYZ(51.0136, 60.7444, 93.2375)
contains.

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Color

**XYZ(51.0641, 60.9258,
93.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD8F2
RGB	138, 216, 242
RGB Percent	54%, 85%, 95%
CMY	0.4588, 0.1529, 0.0510
CMYK	0.43, 0.11, 0.00, 0.05
HSL	195°, 80%, 75%
HSV	195°, 43%, 95%
XYZ	51.0641, 60.9258, 93.0729
YIQ	195.6420, -54.8340, -8.4500

Conversions

Conversions Part 2

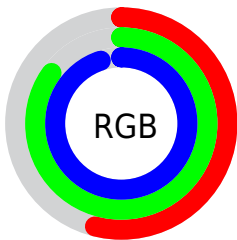
Format	Color
RYB	138, 183, 242
Decimal	9099506
CIELab	82.34, -17.40, -20.26
CIELCh	82, 26.709, 229.336
Yxy	60.9258, 0.2490, 0.2971
Android (android.graphics.Color)	4287289586 (0xFF8AD8F2)
YUV	195.6420, 22.8545, -50.5520
Hunter-Lab	78.0550, -19.8203, -16.0590

Details

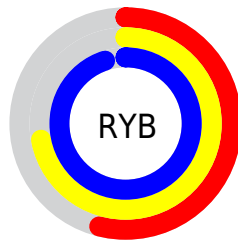
The XYZ color **51.0641, 60.9258, 93.0729** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.4821, 47.2643, 30.2979**, and the grayscale version is **52.1477, 54.8634, 59.7463**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.0011, 30.7842, 51.0786** is the 20% darker color. If you saturate the color by 10%, you get **45.9765, 56.0456, 92.4002**, and if you desaturate by 10%, it is **57.1046, 66.3846, 93.8093**.

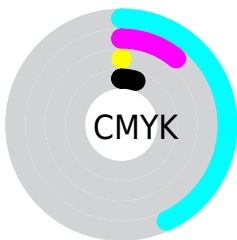
Distribution



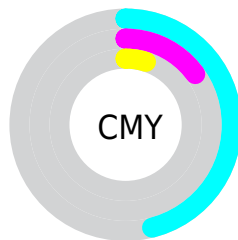
- Red (54%)
- Green (85%)
- Blue (95%)



- Red (54%)
- Yellow (72%)
- Blue (95%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0641, 60.9258, 93.0729 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 51.0641, 60.9258, 93.0729 by changing the saturation by 10% instead.

■ 51.0641, 60.9258,
93.0729

■ 51.0641, 60.9258,
93.0729

381.1963,
428.0019, 558.8030

■ 36.4809, 44.1653,
69.9441

■ 90.9319, 106.1715,
153.5721

■ 24.9776, 30.8005,
51.0044

■ 116.9473,
135.4255, 191.7796

■ 16.1890, 20.4470,
35.8354

147.5040,
169.6127, 235.8504

■ 9.7497, 12.7204,
24.0184

182.9675,
209.1176, 286.2031

■ 5.2943, 7.2363,
15.1349

223.7031,
254.3246, 343.2561

■ 2.4575, 3.6103,
8.7665

270.0763,

■ 0.8739, 1.4580,

305.6181, 407.4281

4.4944

322.4522,
363.3823, 479.1375

■ 0.0000, 0.2589,
1.9003

■ 0.0000, 0.0000,
0.4929

■ 51.0641, 60.9258,
93.0729

■ 51.0641, 60.9258,
93.0729

■ 45.9765, 56.0456,
92.4002

■ 57.1046, 66.3846,
93.8093

■ 41.7754, 51.7050,
91.7838

■ 64.1472, 72.4443,
94.6077

■ 38.3949, 47.8703,
91.2217

■ 72.2445, 79.1341,
95.4722

■ 35.7566, 44.5001,
90.7103

■ 81.4436, 86.4793,
96.4051

■ 33.7658, 41.5448,
90.2448

■ 90.2997, 93.7359,
97.3390

■ 32.6539, 39.6642,
89.9404

■ 92.1725, 97.4814,
97.9633

■ 93.0272, 99.1909,
98.2482

Harmonies

Analogous

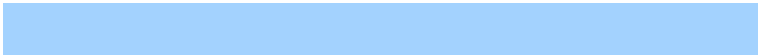
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.1811, 60.9258, 77.2690



51.0641, 60.9258, 93.0729



55.9061, 60.9258, 102.1617

Triad

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



51.0641, 60.9258, 93.0729



69.3454, 60.9258, 72.3097



54.3587, 60.9258, 40.9355

Complementary

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



51.0641, 60.9258, 93.0729



54.4821, 47.2643, 30.2979

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.



59.9574, 60.9258, 40.0526



51.0641, 60.9258, 93.0729



68.8634, 60.9258, 56.4895

Square

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



51.0641, 60.9258, 93.0729



66.6148, 60.9258, 88.9346



65.3379, 60.9258, 45.2859



49.9953, 60.9258, 47.9349

Rectangle

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



51.0641, 60.9258, 93.0729



59.7022, 60.9258, 102.3300



65.3379, 60.9258, 45.2859



56.1504, 60.9258, 39.9626

Sweetspot

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



51.0660, 60.9281, 93.0743



81.3013, 89.0720, 107.5153



48.7802, 71.5270, 45.5437



16.9477, 18.6950, 22.9652



0.0000, 0.0000, 0.0000



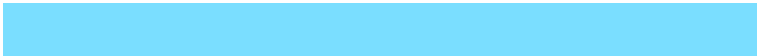
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0660, 60.9281, 93.0743



52.2147, 63.5507, 104.1223



40.0977, 38.9915, 89.4182



15.8933, 17.2207, 20.2079



17.6557, 21.5357, 48.3541



1.5469, 1.9478, 4.0487

Inverse Universe

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



58.1027, 42.0138, 70.0153



61.4137, 40.5435, 73.5920



65.3209, 68.9420, 33.9108



16.2756, 15.9599, 19.0074



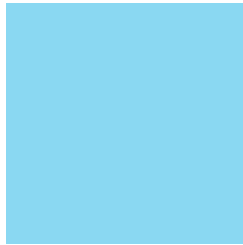
24.2374, 11.9674, 24.9645



2.0558, 1.0113, 2.2845

Previews

White Background



This preview shows how the XYZ color 51.0641, 60.9258, 93.0729 looks on a white background.

Color Contrast Check

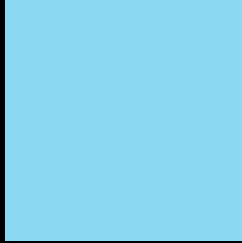
Large Text (above 18pt) WCAG AA × Fail

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 51.0641, 60.9258, 93.0729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

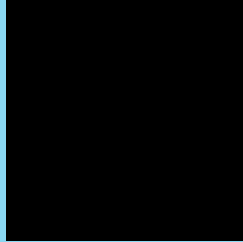
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0641, 60.9258, 93.0729

Background



This preview shows how black text looks on a background with the XYZ color 51.0641, 60.9258, 93.0729.



This preview shows how white text looks on a background with the XYZ color 51.0641, 60.9258,

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

51.0641, 60.9258, 93.0729

Protanopia

59.3817, 60.2664, 85.5936

Deuteranopia

61.6866, 60.1972, 95.5568



Tritanopia

49.9616, 60.8581, 87.7108

Trichromacy



Original Color

51.0641, 60.9258, 93.0729

Protanomaly

55.5846, 60.0289, 88.0140

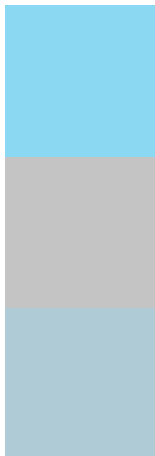
Deuteranomaly

56.9032, 59.8389, 94.9372

Tritanomaly

50.5620, 61.1171, 90.0208

Monochromacy



Original Color

51.0641, 60.9258, 93.0729

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.0454, 56.6299, 71.1911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0641, 60.9258, 93.0729 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(138, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(138, 216, 242)  
}
```

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(138, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 51.0641, 60.9258, 93.0729 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(138, 216, 242) }
```


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

```
.border{ border-color:rgb(138, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 216, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 216, 242); box-shadow:4px 4px 4px 4px rgb(138, 216, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0641, 60.9258, 93.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 216, 242) }
```

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

```
.background{ background-color: rgb(138,  
216, 242) }
```

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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