

Converting Colors

XYZ(51.6763, 60.0936, 87.1702)

Have a look what the booklet for
XYZ(51.6763, 60.0936, 87.1702)
contains.

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Color

**XYZ(51.7385, 60.2621,
87.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5EB
RGB	152, 213, 235
RGB Percent	60%, 84%, 92%
CMY	0.4039, 0.1647, 0.0784
CMYK	0.35, 0.09, 0.00, 0.08
HSL	196°, 67%, 76%
HSV	196°, 35%, 92%
XYZ	51.7385, 60.2621, 87.5021
YIQ	197.2690, -43.4180, -6.0900

Conversions

Conversions Part 2

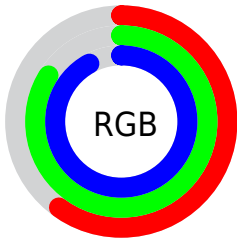
Format	Color
RYB	152, 187, 235
Decimal	10016235
CIELab	81.98, -14.08, -17.01
CIELCh	82, 22.082, 230.393
Yxy	60.2621, 0.2593, 0.3021
Android (android.graphics.Color)	4288206315 (0xFF98D5EB)
YUV	197.2690, 18.6014, -39.7009
Hunter-Lab	77.6287, -16.8822, -12.4909

Details

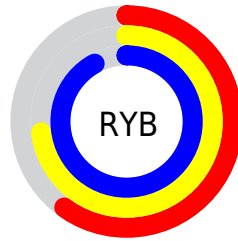
The XYZ color **51.7385, 60.2621, 87.5021** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0653, 50.2018, 36.4948**, and the grayscale version is **53.1448, 55.9125, 60.8887**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **25.2933, 30.2498, 47.1535** is the 20% darker color. If you saturate the color by 10%, you get **46.2321, 55.1436, 86.8054**, and if you desaturate by 10%, it is **58.1802, 65.9549, 88.2625**.

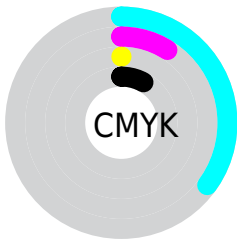
Distribution



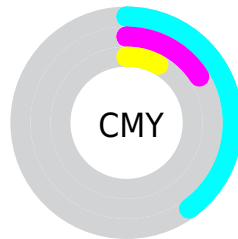
- Red (60%)
- Green (84%)
- Blue (92%)



- Red (60%)
- Yellow (73%)
- Blue (92%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7385, 60.2621, 87.5021 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 51.7385, 60.2621, 87.5021 by changing the saturation by 10% instead.

■ 51.7385, 60.2621,
87.5021

■ 51.7385, 60.2621,
87.5021

383.7668,
425.5632, 540.2303

■ 37.0201, 43.6299,
65.3488

■ 91.9220, 105.2098,
145.7688

■ 25.3968, 30.3797,
47.2908

■ 118.1178,
134.2941, 182.7193

■ 16.5032, 20.1270,
32.9096

148.8701,
168.2979, 225.4393

■ 9.9741, 12.4874,
21.7867

184.5443,
207.6056, 274.3473

■ 5.4439, 7.0765,
13.5034

225.5057,
252.6016, 329.8619

■ 2.5474, 3.5100,
7.6413

272.1197,

■ 0.9192, 1.4034,

303.6702, 392.4015

3.7818

324.7516,
361.1960, 462.3848

■ 0.0000, 0.2192,
1.5064

■ 0.0000, 0.0000,
0.2227

■ 51.7385, 60.2621,
87.5021

■ 51.7385, 60.2621,
87.5021

■ 46.2321, 55.1436,
86.8054

■ 58.1802, 65.9549,
88.2625

■ 41.6029, 50.5642,
86.1655

■ 65.5996, 72.2407,
89.0847

■ 37.7950, 46.4956,
85.5808

■ 74.0435, 79.1458,
89.9725

■ 34.7433, 42.9030,
85.0483

■ 83.5534, 86.6927,
90.9279

■ 32.3717, 39.7464,
84.5640

■ 88.6301, 92.0473,
91.6939

■ 30.5873, 36.9767,
84.1234

■ 90.5376, 95.8622,
92.3297

■ 29.8851, 35.7773,
83.9289

■ 91.9956, 98.7782,
92.8157

Harmonies

Analogous

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



49.2621, 60.2621, 74.9957



51.7385, 60.2621, 87.5021



55.7910, 60.2621, 94.3947

Triad

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



51.7385, 60.2621, 87.5021



66.6001, 60.2621, 70.0036



54.2034, 60.2621, 44.3318

Complementary

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



51.7385, 60.2621, 87.5021



55.0653, 50.2018, 36.4948

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.



58.7898, 60.2621, 43.3749



51.7385, 60.2621, 87.5021



66.1179, 60.2621, 57.0514

Square

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



51.7385, 60.2621, 87.5021



64.4817, 60.2621, 83.4235



63.1980, 60.2621, 47.7210



50.6306, 60.2621, 50.5407

Rectangle

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



51.7385, 60.2621, 87.5021



58.9134, 60.2621, 94.3166



63.1980, 60.2621, 47.7210



55.6718, 60.2621, 43.4214

Sweetspot

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



51.7404, 60.2645, 87.5035



83.1468, 90.4109, 107.6765



50.1771, 69.1007, 50.1030



17.5058, 19.1125, 23.0164



0.0000, 0.0000, 0.0000



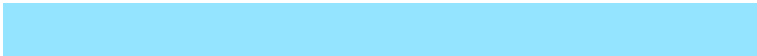
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7404, 60.2645, 87.5035



57.6085, 68.2343, 104.7420



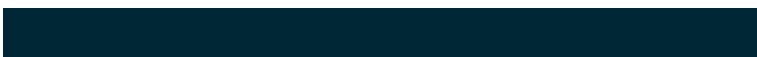
42.8413, 42.4664, 84.5371



15.1603, 16.4071, 19.2901



16.7421, 20.1313, 46.7463



1.3926, 1.7368, 3.6967

Inverse Universe

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



57.5009, 44.9242, 68.5941



65.6262, 47.9333, 78.1878



64.0395, 68.1502, 39.4862



15.5345, 15.2416, 18.0999



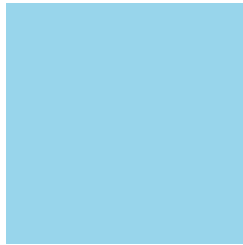
23.3060, 11.5251, 23.2102



1.8694, 0.9207, 2.0298

Previews

White Background



This preview shows how the XYZ color 51.7385, 60.2621, 87.5021 looks on a white background.

Color Contrast Check

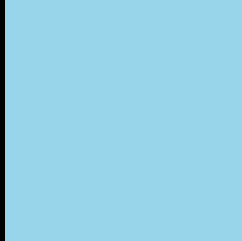
Large Text (above 18pt) WCAG AA × Fail

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 51.7385, 60.2621, 87.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

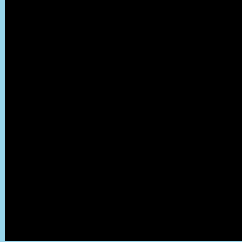
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7385, 60.2621, 87.5021

Background



This preview shows how black text looks on a background with the XYZ color 51.7385, 60.2621, 87.5021.



This preview shows how white text looks on a background with the XYZ color 51.7385, 60.2621,

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

51.7385, 60.2621, 87.5021

Protanopia

58.6773, 59.9846, 81.8843

Deuteranopia

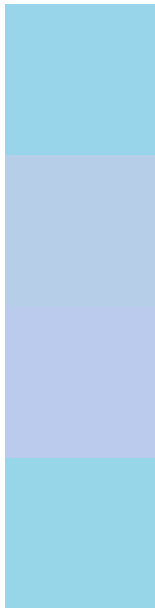
61.0803, 59.6830, 89.1896



Tritanopia

51.2329, 60.4420, 84.5675

Trichromacy



Original Color

51.7385, 60.2621, 87.5021

Protanomaly

55.7865, 59.8572, 84.2146

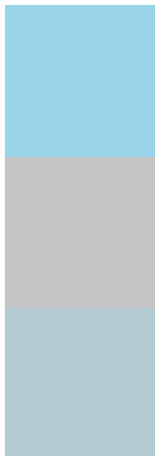
Deuteranomaly

56.8917, 59.2654, 88.5616

Tritanomaly

51.3746, 60.4986, 85.3136

Monochromacy



Original Color

51.7385, 60.2621, 87.5021

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1699, 57.2388, 69.9266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7385, 60.2621, 87.5021 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(152, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 235)  
}
```

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(152, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 51.7385, 60.2621, 87.5021 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(152, 213, 235) }
```


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

```
.border{ border-color:rgb(152, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7385, 60.2621, 87.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 235) }
```

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

```
.background{ background-color: rgb(152,  
213, 235) }
```

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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