

Converting Colors

XYZ(56.4667, 64.9403, 91.5953)

Have a look what the booklet for
XYZ(56.4667, 64.9403, 91.5953)
contains.

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Color

**XYZ(56.4286, 64.8944,
91.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DBEF
RGB	165, 219, 239
RGB Percent	65%, 86%, 94%
CMY	0.3529, 0.1412, 0.0627
CMYK	0.31, 0.08, 0.00, 0.06
HSL	196°, 70%, 79%
HSV	196°, 31%, 94%
XYZ	56.4286, 64.8944, 91.2131
YIQ	205.1340, -38.6040, -5.2280

Conversions

Conversions Part 2

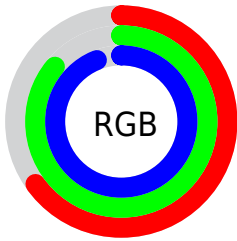
Format	Color
RYB	165, 196, 239
Decimal	10869743
CIELab	84.43, -12.65, -15.38
CIELCh	84, 19.917, 230.564
Yxy	64.8944, 0.2655, 0.3053
Android (android.graphics.Color)	4289059823 (0xFFA5DBEF)
YUV	205.1340, 16.6959, -35.1975
Hunter-Lab	80.5571, -15.9392, -10.7429

Details

The XYZ color **56.4286, 64.8944, 91.2131** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.7381, 55.7660, 43.2144**, and the grayscale version is **58.0299, 61.0520, 66.4856**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **28.3782, 33.3493, 49.7411** is the 20% darker color. If you saturate the color by 10%, you get **50.2623, 59.2639, 90.4524**, and if you desaturate by 10%, it is **63.5931, 71.1397, 92.0420**.

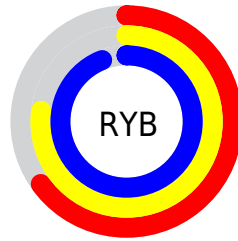
Distribution



Red (65%)

Green (86%)

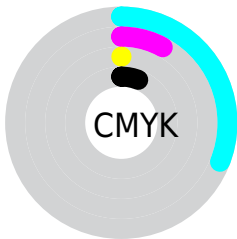
Blue (94%)



Red (65%)

Yellow (77%)

Blue (94%)

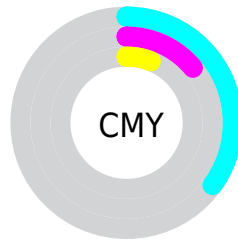


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (35%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4286, 64.8944, 91.2131 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 56.4286, 64.8944, 91.2131 by changing the saturation by 10% instead.

■ 56.4286, 64.8944,
91.2131

■ 56.4286, 64.8944,
91.2131

401.3536,
442.4124, 552.6408

■ 40.7850, 47.3755,
68.4079

■ 98.7671, 111.8980,
150.9725

■ 28.3381, 33.3326,
49.7609

■ 126.1928,
142.1515, 188.7638

■ 18.7224, 22.3813,
34.8536

158.2765,
177.4186, 232.3874

■ 11.5727, 14.1374,
23.2674

195.3837,
218.0837, 282.2620

■ 6.5235, 8.2163,
14.5840

237.8796,
264.5313, 338.8061

■ 3.2096, 4.2336,
8.3846

286.1297,

■ 1.2656, 1.8051,

317.1456, 402.4382

4.2507

340.4992,
376.3112, 473.5769

■ 0.1572, 0.4903,
1.7639

■ 0.0000, 0.0000,
0.4040

■ 56.4286, 64.8944,
91.2131

■ 56.4286, 64.8944,
91.2131

■ 50.2623, 59.2639,
90.4524

■ 63.5931, 71.1397,
92.0420

■ 45.0358, 54.2124,
89.7528

■ 71.7985, 78.0181,
92.9372

■ 40.6933, 49.7114,
89.1129

■ 81.0919, 85.5566,
93.9025

■ 37.1705, 45.7267,
88.5295

■ 89.4240, 92.6997,
94.8421

■ 34.3935, 42.2192,
87.9988

■ 91.4106, 96.6729,
95.5043

■ 32.2744, 39.1423,
87.5166

■ 92.5802, 99.0121,
95.8942

■ 30.7962, 36.6642,
87.1162

Harmonies

Analogous

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



54.0474, 64.8944, 79.5741



56.4286, 64.8944, 91.2131



60.2949, 64.8944, 97.5443

Triad

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



56.4286, 64.8944, 91.2131



70.4657, 64.8944, 74.7324



58.7378, 64.8944, 50.2002

Complementary

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



56.4286, 64.8944, 91.2131



59.7381, 55.7660, 43.2144

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.



63.0866, 64.8944, 49.2321



56.4286, 64.8944, 91.2131



69.9998, 64.8944, 62.4359

Square

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



56.4286, 64.8944, 91.2131



68.4921, 64.8944, 87.3066



67.2479, 64.8944, 53.4508



55.3356, 64.8944, 56.2747

Rectangle

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



56.4286, 64.8944, 91.2131



63.2542, 64.8944, 97.4410



67.2479, 64.8944, 53.4508



60.1325, 64.8944, 49.2977

Sweetspot

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



56.4306, 64.8970, 91.2146



85.1582, 92.0107, 107.8793



55.1138, 73.2252, 56.9822



17.9061, 19.4304, 23.0566



0.0000, 0.0000, 0.0000



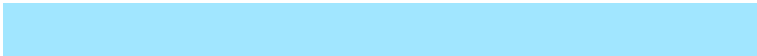
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4306, 64.8970, 91.2146



60.8361, 71.0780, 105.1208



47.8812, 47.7983, 88.3648



15.8651, 17.1643, 20.1985



17.1327, 20.4896, 48.1798



1.5071, 1.8682, 4.0354

Inverse Universe

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



61.8396, 50.3772, 73.4852



68.1370, 52.3128, 81.0035



68.4399, 73.1697, 46.1150



16.2613, 15.9542, 18.9324



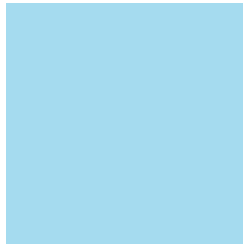
23.9734, 11.8618, 23.5743



2.0357, 1.0033, 2.1787

Previews

White Background



This preview shows how the XYZ color 56.4286, 64.8944, 91.2131 looks on a white background.

Color Contrast Check

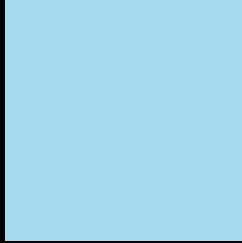
Large Text (above 18pt) WCAG AA × Fail

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 56.4286, 64.8944, 91.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

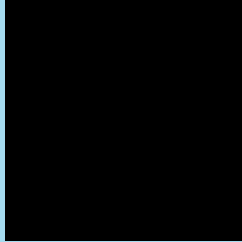
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4286, 64.8944, 91.2131

Background



This preview shows how black text looks on a background with the XYZ color 56.4286, 64.8944, 91.2131.

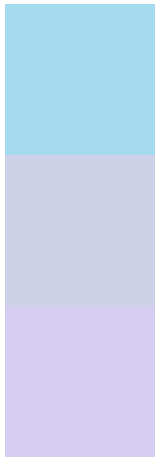


This preview shows how white text looks on a background with the XYZ color 56.4286, 64.8944,

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

56.4286, 64.8944, 91.2131

Protanopia

63.0981, 64.6925, 85.5052

Deuteranopia

65.8827, 64.5205, 92.9857



Tritanopia

56.1346, 64.7768, 89.6653

Trichromacy



Original Color

56.4286, 64.8944, 91.2131

Protanomaly

60.5279, 64.7931, 87.9134

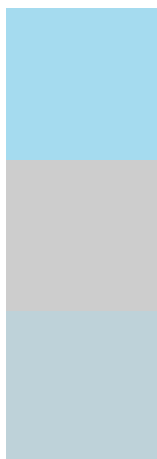
Deuteranomaly

61.9497, 64.3144, 92.3679

Tritanomaly

56.2812, 64.8354, 90.4371

Monochromacy



Original Color

56.4286, 64.8944, 91.2131

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8062, 62.0501, 74.6285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4286, 64.8944, 91.2131 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(165, 219, 239)` looks like.

```
.text, #text, p{  
    color:rgb(165, 219, 239)  
}
```

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(165, 219, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 219, 239) }
```

Border

The CSS property to change the border of an element to XYZ 56.4286, 64.8944, 91.2131 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(165, 219, 239) }
```


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

```
.border{ border-color:rgb(165, 219, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 219, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 219, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 219, 239);  
box-shadow:4px 4px 4px 4px rgb(165, 219,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4286, 64.8944, 91.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 219, 239) }
```

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

```
.background{ background-color: rgb(165,  
219, 239) }
```

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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