

Converting Colors

XYZ(52.0586, 61.9558, 87.0568)

Have a look what the booklet for
XYZ(52.0586, 61.9558, 87.0568)
contains.

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Color

**XYZ(52.0586, 61.9558,
87.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	95D9EA
RGB	149, 217, 234
RGB Percent	58%, 85%, 92%
CMY	0.4157, 0.1490, 0.0823
CMYK	0.36, 0.07, 0.00, 0.08
HSL	192°, 67%, 75%
HSV	192°, 36%, 92%
XYZ	52.0586, 61.9558, 87.0568
YIQ	198.6060, -45.9850, -9.1290

Conversions

Conversions Part 2

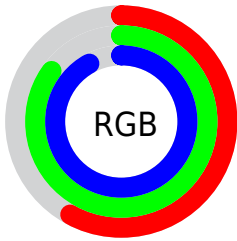
Format	Color
R _{YB}	149, 187, 234
Decimal	9820650
CIE _{Lab}	82.89, -17.16, -15.13
CIE _{LCh}	83, 22.874, 221.404
Yxy	61.9558, 0.2589, 0.3081
Android (android.graphics.Color)	4288010730 (0xFF95D9EA)
YUV	198.6060, 17.4492, -43.5045
Hunter-Lab	78.7120, -19.6896, -10.4773

Details

The XYZ color **52.0586, 61.9558, 87.0568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9938, 46.9357, 34.7018**, and the grayscale version is **53.9640, 56.7744, 61.8273**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **25.5723, 31.4347, 46.8392** is the 20% darker color. If you saturate the color by 10%, you get **47.0220, 57.5955, 86.4817**, and if you desaturate by 10%, it is **57.9908, 66.8316, 87.6863**.

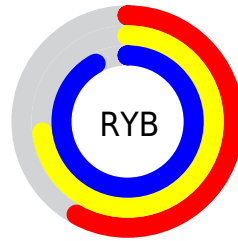
Distribution



Red (58%)

Green (85%)

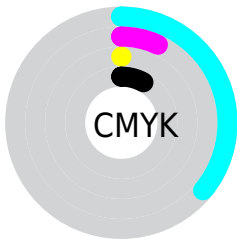
Blue (92%)



Red (58%)

Yellow (73%)

Blue (92%)

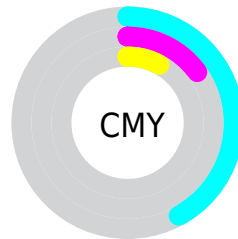


Cyan (36%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0586, 61.9558, 87.0568 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 52.0586, 61.9558, 87.0568 by changing the saturation by 10% instead.

■ 52.0586, 61.9558,
87.0568

■ 52.0586, 61.9558,
87.0568

384.9830,
431.7698, 538.7305

■ 37.2762, 44.9970,
64.9823

■ 92.3914, 107.6616,
145.1429

■ 25.5961, 31.4551,
46.9955

■ 118.6725,
137.1775, 181.9915

■ 16.6528, 20.9456,
32.6778

149.5173,
171.6478, 224.6020

■ 10.0810, 13.0842,
21.6106

185.2910,
211.4569, 273.3929

■ 5.5154, 7.4866,
13.3755

226.3591,
256.9893, 328.7826

■ 2.5906, 3.7682,
7.5539

273.0869,

■ 0.9411, 1.5448,

308.6293, 391.1898

3.7272

325.8398,
366.7614, 461.0329

■ 0.0000, 0.3199,
1.4769

■ 0.0000, 0.0000,
0.2006

■ 52.0586, 61.9558,
87.0568

■ 52.0586, 61.9558,
87.0568

■ 47.0220, 57.5955,
86.4817

■ 57.9908, 66.8316,
87.6863

■ 42.8235, 53.7161,
85.9542

■ 64.8607, 72.2404,
88.3683

■ 39.4074, 50.2900,
85.4729

■ 72.7142, 78.2079,
89.1062

■ 36.7087, 47.2833,
85.0348

■ 81.5927, 84.7559,
89.9021

■ 34.6516, 44.6563,
84.6362

■ 87.3699, 89.7573,
90.5630

■ 33.1411, 42.3599,
84.2725

■ 88.7684, 92.5543,
91.0292

■ 32.6657, 41.5689,
84.1449

■ 90.2027, 95.4230,
91.5073

■ 91.6730, 98.3637,
91.9974

■ 91.8515, 98.7206,
92.0569

Harmonies

Analogous

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



50.0742, 61.9558, 72.9717



52.0586, 61.9558, 87.0568



55.9154, 61.9558, 96.6041

Triad

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



52.0586, 61.9558, 87.0568



68.3374, 61.9558, 76.4932



57.0324, 61.9558, 44.1909

Complementary

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



52.0586, 61.9558, 87.0568



52.9938, 46.9357, 34.7018

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.



61.9624, 61.9558, 44.8591



52.0586, 61.9558, 87.0568



68.6778, 61.9558, 62.2318

Square

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



52.0586, 61.9558, 87.0568



65.3824, 61.9558, 89.9425



66.2881, 61.9558, 51.0485



52.8370, 61.9558, 49.0748

Rectangle

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



52.0586, 61.9558, 87.0568



59.1198, 61.9558, 98.4057



66.2881, 61.9558, 51.0485



58.6551, 61.9558, 43.7939

Sweetspot

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



52.0605, 61.9582, 87.0582



83.7093, 91.5359, 107.8640



48.5723, 67.9380, 45.9538



17.6405, 19.3818, 23.0613



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.



52.0605, 61.9582, 87.0582



58.3583, 71.0723, 105.2503



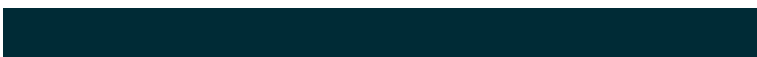
42.7562, 43.3498, 83.9568



15.2470, 16.5804, 19.3190



18.4472, 23.5414, 47.3146



1.5134, 1.9784, 3.7370

Inverse Universe

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



57.2051, 43.9988, 71.1259



65.6780, 46.7031, 82.3166



61.6908, 64.3298, 37.6009



15.5782, 15.2591, 18.3301



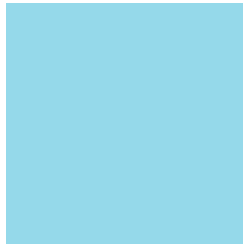
24.1666, 11.8693, 27.7424



1.9304, 0.9451, 2.3509

Previews

White Background



This preview shows how the XYZ color 52.0586, 61.9558, 87.0568 looks on a white background.

Color Contrast Check

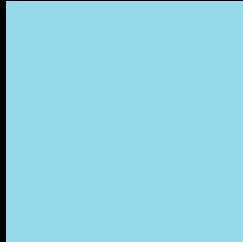
Large Text (above 18pt) WCAG AA × Fail

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 52.0586, 61.9558, 87.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

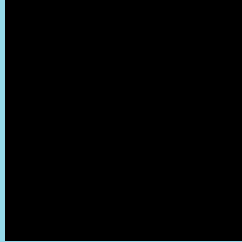
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0586, 61.9558, 87.0568

Background



This preview shows how black text looks on a background with the XYZ color 52.0586, 61.9558, 87.0568.

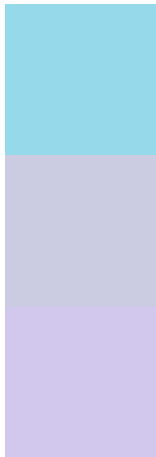


This preview shows how white text looks on a background with the XYZ color 52.0586, 61.9558,

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

52.0586, 61.9558, 87.0568

Protanopia

59.9489, 61.3732, 80.6381

Deuteranopia

62.5187, 61.1246, 88.6239



Tritanopia

52.0586, 61.9558, 87.0568

Trichromacy



Original Color

52.0586, 61.9558, 87.0568

Protanomaly

56.4718, 61.3254, 82.9893

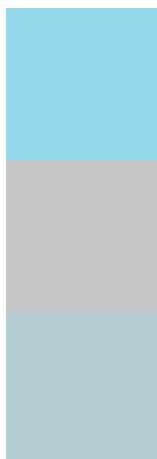
Deuteranomaly

57.9507, 60.8901, 88.0555

Tritanomaly

52.0586, 61.9558, 87.0568

Monochromacy



Original Color

52.0586, 61.9558, 87.0568

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.0110, 58.7198, 70.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0586, 61.9558, 87.0568 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(149, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(149, 217, 234)  
}
```

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(149, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 52.0586, 61.9558, 87.0568 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(149, 217, 234) }
```


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

```
.border{ border-color:rgb(149, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(149, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0586, 61.9558, 87.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 217, 234) }
```

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

```
.background{ background-color: rgb(149,  
217, 234) }
```

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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