

Converting Colors

XYZ(54.5871, 60.3382, 85.3223)

Have a look what the booklet for
XYZ(54.5871, 60.3382, 85.3223)
contains.

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Color

**XYZ(54.5995, 60.3114,
85.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD1E8
RGB	173, 209, 232
RGB Percent	68%, 82%, 91%
CMY	0.3216, 0.1804, 0.0902
CMYK	0.25, 0.10, 0.00, 0.09
HSL	203°, 56%, 79%
HSV	203°, 25%, 91%
XYZ	54.5995, 60.3114, 85.1075
YIQ	200.8580, -28.8390, -0.4790

Conversions

Conversions Part 2

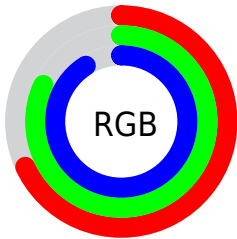
Format	Color
RYB	173, 195, 232
Decimal	11391464
CIELab	82.01, -6.80, -15.25
CIELCh	82, 16.702, 245.968
Yxy	60.3114, 0.2730, 0.3015
Android (android.graphics.Color)	4289581544 (0xFFADD1E8)
YUV	200.8580, 15.3530, -24.4315
Hunter-Lab	77.6604, -10.4105, -10.6132

Details

The XYZ color **54.5995, 60.3114, 85.1075** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.5621, 59.6529, 47.8586**, and the grayscale version is **55.3516, 58.2342, 63.4171**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.1656, 30.4992, 45.5295** is the 20% darker color. If you saturate the color by 10%, you get **47.7523, 53.5821, 84.1705**, and if you desaturate by 10%, it is **62.4671, 67.7566, 86.1309**.

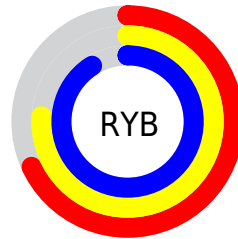
Distribution



Red (68%)

Green (82%)

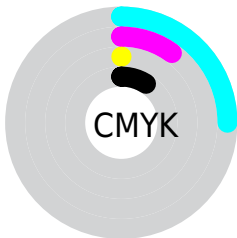
Blue (91%)



Red (68%)

Yellow (76%)

Blue (91%)

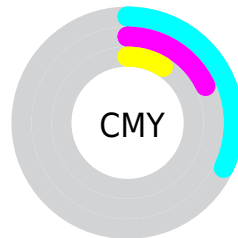


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (32%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5995, 60.3114, 85.1075 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 54.5995, 60.3114, 85.1075 by changing the saturation by 10% instead.

■ 54.5995, 60.3114,
85.1075

■ 54.5995, 60.3114,
85.1075

394.5531,
425.7446, 532.1376

■ 39.3137, 43.6697,
63.3795

■ 96.1057, 105.2813,
142.3989

■ 27.1857, 30.4109,
45.7054

123.0568,
134.3782, 178.7993

■ 17.8500, 20.1507,
31.6664

154.6270,
168.3956, 220.9277

■ 10.9414, 12.5046,
20.8441

191.1818,
207.7180, 269.2026

■ 6.0945, 7.0883,
12.8200

233.0864,
252.7297, 324.0425

■ 2.9438, 3.5174,
7.1754

280.7063,

■ 1.1241, 1.4075,

303.8151, 385.8659

3.4919

334.4068,
361.3586, 455.0914

■ 0.0452, 0.2222,
1.3510

■ 0.0000, 0.0000,
0.1030

■ 54.5995, 60.3114,
85.1075

■ 54.5995, 60.3114,
85.1075

■ 47.7523, 53.5821,
84.1705

■ 62.4671, 67.7566,
86.1309

■ 41.8719, 47.5337,
83.3130

■ 71.3943, 75.9366,
87.2393

■ 36.9078, 42.1383,
82.5332

■ 81.4249, 84.8783,
88.4365

■ 32.8023, 37.3632,
81.8279

■ 88.5116, 92.4982,
89.5338

■ 29.4908, 33.1715,
81.1933

■ 91.3174, 98.1096,
90.4691

■ 26.8979, 29.5210,
80.6254

■ 91.5657, 98.6063,
90.5518

■ 24.9315, 26.3608,
80.1191

■ 24.1748, 25.0445,
79.9049

Harmonies

Analogous

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



51.9954, 60.3114, 77.7826



54.5995, 60.3114, 85.1075



58.0340, 60.3114, 87.0024

Triad

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



54.5995, 60.3114, 85.1075



64.3561, 60.3114, 63.6650



53.4227, 60.3114, 51.1358

Complementary

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



54.5995, 60.3114, 85.1075



60.5621, 59.6529, 47.8586

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.



56.6202, 60.3114, 48.1432



54.5995, 60.3114, 85.1075



63.0052, 60.3114, 54.8830

Square

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



54.5995, 60.3114, 85.1075



63.7611, 60.3114, 73.9226



60.1380, 60.3114, 49.4413



51.3358, 60.3114, 58.0535

Rectangle

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



54.5995, 60.3114, 85.1075



60.3532, 60.3114, 84.7775



60.1380, 60.3114, 49.4413



54.3982, 60.3114, 49.6717

Sweetspot

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



54.6013, 60.3138, 85.1089



85.4546, 91.3652, 107.7391



56.0116, 70.5667, 62.6659



17.9257, 19.2229, 23.0156



0.0000, 0.0000, 0.0000



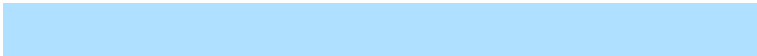
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6013, 60.3138, 85.1089



62.6492, 69.8563, 104.7894



48.0980, 47.3072, 82.9411



14.3111, 15.3437, 18.3517



13.5466, 14.1553, 44.4014



1.0907, 1.2253, 3.3110

Inverse Universe

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



59.7324, 51.6478, 67.1452



70.2355, 57.6830, 78.0863



67.7794, 74.0876, 50.2644



14.7446, 14.5150, 16.8557



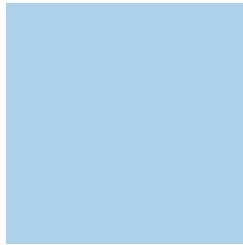
21.2312, 10.6267, 15.3784



1.6142, 0.8034, 1.3747

Previews

White Background



This preview shows how the XYZ color 54.5995, 60.3114, 85.1075 looks on a white background.

Color Contrast Check

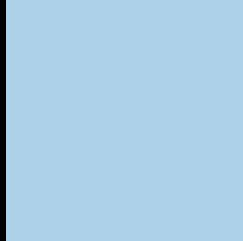
Large Text (above 18pt) WCAG AA × Fail

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 54.5995, 60.3114, 85.1075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

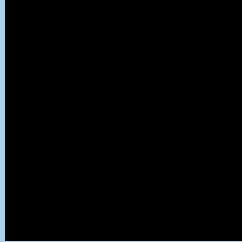
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

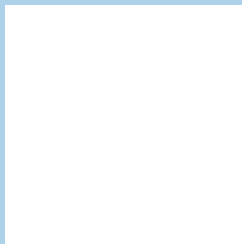
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5995, 60.3114, 85.1075

Background



This preview shows how black text looks on a background with the XYZ color 54.5995, 60.3114, 85.1075.



This preview shows how white text looks on a background with the XYZ color 54.5995, 60.3114,

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

54.5995, 60.3114, 85.1075

Protanopia

58.8051, 60.0665, 81.1677

Deuteranopia

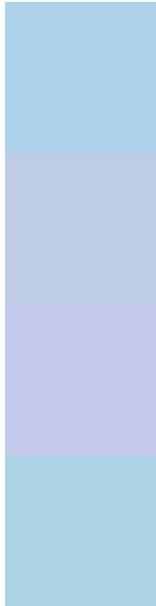
61.3399, 59.8840, 86.1677



Tritanopia

53.9250, 60.4099, 81.4912

Trichromacy



Original Color

54.5995, 60.3114, 85.1075

Protanomaly

57.2094, 60.2669, 82.7462

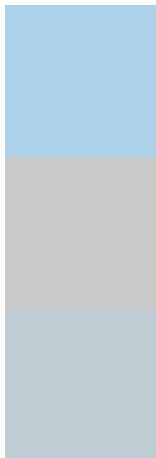
Deuteranomaly

58.5935, 59.8600, 85.5567

Tritanomaly

54.2027, 60.5210, 82.9537

Monochromacy



Original Color

54.5995, 60.3114, 85.1075

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9624, 59.0156, 70.7817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5995, 60.3114, 85.1075 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(173, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 232)  
}
```

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(173, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 232) }
```

Border

The CSS property to change the border of an element to XYZ 54.5995, 60.3114, 85.1075 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(173, 209, 232) }
```


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

```
.border{ border-color:rgb(173, 209, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(173, 209,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5995, 60.3114, 85.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 232) }
```

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

```
.background{ background-color: rgb(173,  
209, 232) }
```

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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