

Converting Colors

XYZ(54.9179, 60.9176, 87.1549)

Have a look what the booklet for
XYZ(54.9179, 60.9176, 87.1549)
contains.

XYZ(54.8366, 60.7493, 87.4328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.8366, 60.7493,
87.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD2EB
RGB	171, 210, 235
RGB Percent	67%, 82%, 92%
CMY	0.3294, 0.1765, 0.0784
CMYK	0.27, 0.11, 0.00, 0.08
HSL	203°, 62%, 80%
HSV	203°, 27%, 92%
XYZ	54.8366, 60.7493, 87.4328
YIQ	201.1890, -31.2690, -0.4930

Conversions

Conversions Part 2

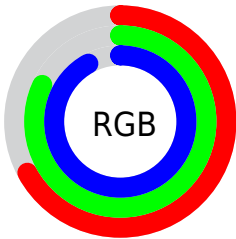
Format	Color
RYB	171, 195, 235
Decimal	11260651
CIELab	82.24, -7.22, -16.51
CIELCh	82, 18.020, 246.375
Yxy	60.7493, 0.2701, 0.2992
Android (android.graphics.Color)	4289450731 (0xFFABD2EB)
YUV	201.1890, 16.6688, -26.4758
Hunter-Lab	77.9418, -10.8131, -11.9504

Details

The XYZ color **54.8366, 60.7493, 87.4328** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.3523, 60.0828, 46.8931**, and the grayscale version is **55.5498, 58.4427, 63.6441**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **27.3613, 30.8135, 47.1533** is the 20% darker color. If you saturate the color by 10%, you get **47.9645, 53.9397, 86.4816**, and if you desaturate by 10%, it is **62.7524, 68.2929, 88.4727**.

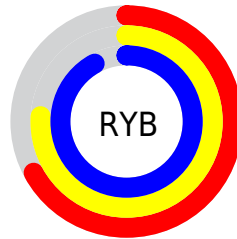
Distribution



Red (67%)

Green (82%)

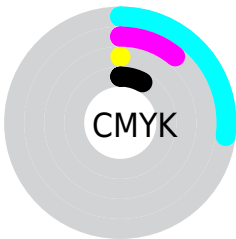
Blue (92%)



Red (67%)

Yellow (76%)

Blue (92%)

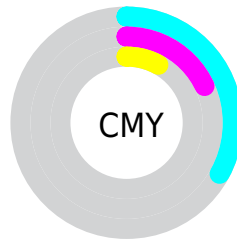


Cyan (27%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8366, 60.7493, 87.4328 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 54.8366, 60.7493, 87.4328 by changing the saturation by 10% instead.

■ 54.8366, 60.7493,
87.4328

■ 54.8366, 60.7493,
87.4328

395.4387,
427.3542, 539.9971

■ 39.5042, 44.0229,
65.2918

■ 96.4512, 105.9159,
145.6714

■ 27.3347, 30.6885,
47.2449

123.4642,
135.1248, 182.6061

■ 17.9626, 20.3618,
32.8735

155.1014,
169.2633, 225.3090

■ 11.0227, 12.6583,
21.7593

191.7283,
208.7159, 274.1988

■ 6.1495, 7.1937,
13.4835

233.7100,
253.8669, 329.6940

■ 2.9777, 3.5835,
7.6277

281.4122,

■ 1.1420, 1.4434,

305.1006, 392.2131

3.7733

335.1999,
362.8016, 462.1746

■ 0.0598, 0.2484,
1.5018

■ 0.0000, 0.0000,
0.2193

■ 54.8366, 60.7493,
87.4328

■ 54.8366, 60.7493,
87.4328

■ 47.9645, 53.9397,
86.4816

■ 62.7524, 68.2929,
88.4727

■ 42.0802, 47.8276,
85.6120

■ 71.7531, 76.5904,
89.5999

■ 37.1307, 42.3839,
84.8221

■ 81.8844, 85.6699,
90.8184

■ 33.0553, 37.5740,
84.1085

■ 89.4108, 93.6086,
91.9540

■ 29.7854, 33.3589,
83.4673

■ 91.9956, 98.7782,
92.8156

■ 27.2408, 29.6938,
82.8940

■ 25.3176, 26.5214,
82.3830

■ 24.8499, 25.7068,
82.2504

Harmonies

Analogous

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



52.0066, 60.7493, 79.4720



54.8366, 60.7493, 87.4328



58.5628, 60.7493, 89.4213

Triad

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



54.8366, 60.7493, 87.4328



65.3800, 60.7493, 63.8291



53.4782, 60.7493, 50.5632

Complementary

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



54.8366, 60.7493, 87.4328



61.3523, 60.0828, 46.8931

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.



56.9257, 60.7493, 47.3060



54.8366, 60.7493, 87.4328



63.8808, 60.7493, 54.3991

Square

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



54.8366, 60.7493, 87.4328



64.7604, 60.7493, 74.9711



60.7449, 60.7493, 48.6287



51.2470, 60.7493, 58.0415

Rectangle

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



54.8366, 60.7493, 87.4328



61.0773, 60.7493, 86.9180



60.7449, 60.7493, 48.6287



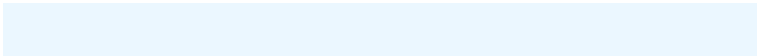
54.5273, 60.7493, 48.9784

Sweetspot

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



54.8385, 60.7517, 87.4342



85.4496, 91.3552, 107.7374



56.4150, 72.0401, 62.8797



17.9244, 19.2204, 23.0151



0.0000, 0.0000, 0.0000



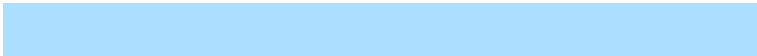
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8385, 60.7517, 87.4342



60.9682, 68.1736, 104.5532



47.8048, 46.6845, 85.0897



14.9952, 16.0768, 19.2351



13.9576, 14.5622, 45.8181



1.1891, 1.3296, 3.6288

Inverse Universe

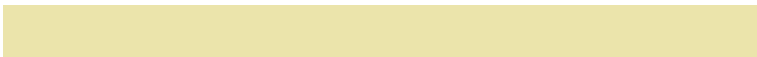
The Inverse Universe completely reimagines the original color for something new.



60.4582, 51.4427, 67.7184



68.9771, 55.6102, 76.2982



69.2280, 75.8340, 49.5184



15.4511, 15.2083, 17.6609



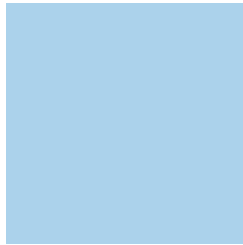
21.9004, 10.9629, 15.8090



1.7667, 0.8796, 1.4888

Previews

White Background



This preview shows how the XYZ color 54.8366, 60.7493, 87.4328 looks on a white background.

Color Contrast Check

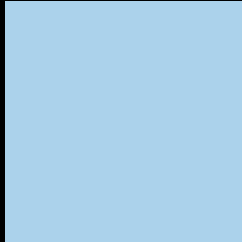
Large Text (above 18pt) WCAG AA × Fail

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 54.8366, 60.7493, 87.4328 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 54.8366, 60.7493, 87.4328

Background



This preview shows how black text looks on a background with the XYZ color 54.8366, 60.7493, 87.4328.



This preview shows how white text looks on a background with the XYZ color 54.8366, 60.7493,

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

54.8366, 60.7493, 87.4328

Protanopia

59.4583, 60.7044, 83.4462

Deuteranopia

61.7219, 60.3712, 88.5205



Tritanopia

53.8754, 60.7360, 82.2825

Trichromacy



Original Color

54.8366, 60.7493, 87.4328

Protanomaly

57.6231, 60.7876, 85.0401

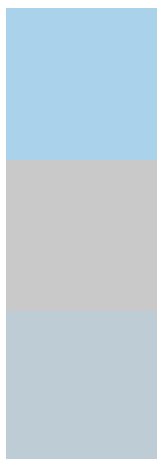
Deuteranomaly

59.0019, 60.3701, 87.8997

Tritanomaly

54.2956, 60.9041, 84.4953

Monochromacy



Original Color

54.8366, 60.7493, 87.4328

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8383, 58.9370, 71.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8366, 60.7493, 87.4328 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(171, 210, 235)` looks like.

```
.text, #text, p{  
    color:rgb(171, 210, 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(171, 210, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 210, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.8366, 60.7493, 87.4328 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(171, 210, 235) }
```


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

```
.border{ border-color:rgb(171, 210, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 210, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 210, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 210, 235);  
box-shadow:4px 4px 4px 4px rgb(171, 210,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8366, 60.7493, 87.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 210, 235) }
```

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

```
.background{ background-color: rgb(171,  
210, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor