

Converting Colors

XYZ(54.1677, 64.0237, 87.0446)

Have a look what the booklet for
XYZ(54.1677, 64.0237, 87.0446)
contains.

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Color

**XYZ(54.3491, 64.2950,
87.3876)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDCEA
RGB	157, 220, 234
RGB Percent	62%, 86%, 92%
CMY	0.3843, 0.1372, 0.0823
CMYK	0.33, 0.06, 0.00, 0.08
HSL	191°, 65%, 77%
HSV	191°, 33%, 92%
XYZ	54.3491, 64.2950, 87.3876
YIQ	202.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

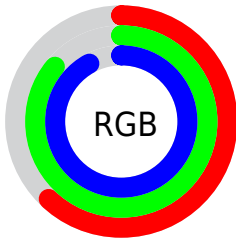
Format	Color
R _{YB}	157, 192, 234
Decimal	10345706
CIE Lab	84.12, -16.54, -13.24
CIE LCh	84, 21.190, 218.682
Yxy	64.2950, 0.2638, 0.3121
Android (android.graphics.Color)	4288535786 (0xFF9DDCEA)
YUV	202.7590, 15.4018, -40.1306
Hunter-Lab	80.1842, -19.3344, -8.4875

Details

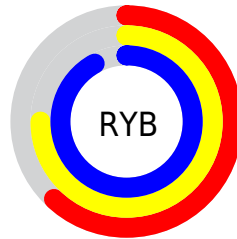
The XYZ color **54.3491, 64.2950, 87.3876** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5813, 49.0533, 38.4913**, and the grayscale version is **56.5405, 59.4850, 64.7792**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.9705, 32.9494, 47.0579** is the 20% darker color. If you saturate the color by 10%, you get **49.1118, 59.9602, 86.8280**, and if you desaturate by 10%, it is **60.4930, 69.1425, 88.0005**.

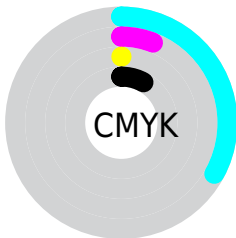
Distribution



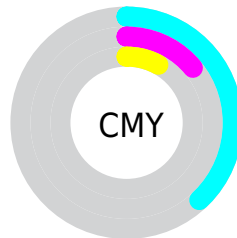
- Red (62%)
- Green (86%)
- Blue (92%)



- Red (62%)
- Yellow (75%)
- Blue (92%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3491, 64.2950, 87.3876 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 54.3491, 64.2950, 87.3876 by changing the saturation by 10% instead.

54.3491, 64.2950,
87.3876

54.3491, 64.2950,
87.3876

393.6165,
440.2542, 539.8449

39.1126, 46.8896,
65.2546

95.7405, 111.0357,
145.6079

27.0285, 32.9484,
47.2149

122.6262,
141.1398, 182.5322

17.7313, 22.0869,
32.8500

154.1256,
176.2456, 225.2241

10.8558, 13.9208,
21.7414

190.6041,
216.7375, 274.1020

6.0365, 8.0656,
13.4705

232.4271,
263.0000, 329.5845

2.9082, 4.1370,
7.6188

279.9599,

1.1054, 1.7505,

315.4173, 392.0901

3.7678

333.5679,
374.3739, 462.0374

■ 0.0296, 0.4560,
1.4988

■ 0.0000, 0.0000,
0.2170

■ 54.3491, 64.2950,
87.3876

■ 54.3491, 64.2950,
87.3876

■ 49.1118, 59.9602,
86.8280

■ 60.4930, 69.1425,
88.0005

■ 44.7249, 56.1041,
86.3149

■ 67.5840, 74.5191,
88.6646

■ 41.1352, 52.7005,
85.8472

■ 75.6670, 80.4499,
89.3833

■ 38.2804, 49.7171,
85.4218

■ 84.7825, 86.9561,
90.1587

■ 36.0891, 47.1165,
85.0353

■ 87.6278, 90.2733,
90.6490

■ 34.4745, 44.8540,
84.6837

■ 88.9037, 92.8250,
91.0743

■ 33.5833, 43.4042,
84.4508

■ 90.2092, 95.4360,
91.5095

■ 91.5445, 98.1066,
91.9546

■ 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.



52.6365, 64.2950, 73.9707



54.3491, 64.2950, 87.3876



57.8959, 64.2950, 96.8750

Triad

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



54.3491, 64.2950, 87.3876



69.8861, 64.2950, 79.8034



59.7616, 64.2950, 47.4880

Complementary

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



54.3491, 64.2950, 87.3876



54.5813, 49.0533, 38.4913

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.



64.4419, 64.2950, 48.6308



54.3491, 64.2950, 87.3876



70.4484, 64.2950, 66.1862

Square

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



54.3491, 64.2950, 87.3876



66.9112, 64.2950, 92.1222



68.4106, 64.2950, 55.0976



55.6550, 64.2950, 51.7477

Rectangle

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



54.3491, 64.2950, 87.3876



60.9037, 64.2950, 99.0735



68.4106, 64.2950, 55.0976



61.3177, 64.2950, 47.2655

Sweetspot

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



54.3510, 64.2975, 87.3891



84.8218, 92.5583, 108.0027



50.5688, 68.9110, 48.5850



17.8691, 19.5993, 23.0912



0.0000, 0.0000, 0.0000



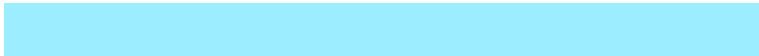
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3510, 64.2975, 87.3891



61.9347, 74.7658, 105.7747



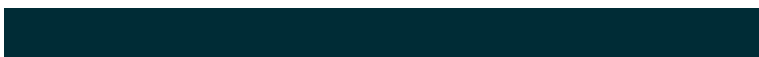
45.6222, 46.8398, 84.4795



15.2713, 16.6290, 19.3271



18.9570, 24.5611, 47.4846



1.5491, 2.0498, 3.7489

Inverse Universe

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



58.9085, 46.7753, 73.6367



68.3276, 50.9960, 86.3022



62.6560, 65.2026, 41.1828



15.5905, 15.2640, 18.3948



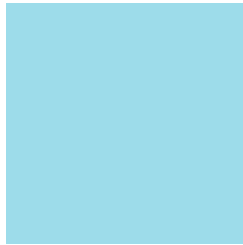
24.4239, 11.9723, 29.0974



1.9484, 0.9523, 2.4458

Previews

White Background



This preview shows how the XYZ color 54.3491, 64.2950, 87.3876 looks on a white background.

Color Contrast Check

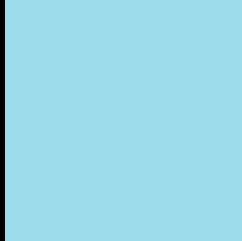
Large Text (above 18pt) WCAG AA × Fail

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 54.3491, 64.2950, 87.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

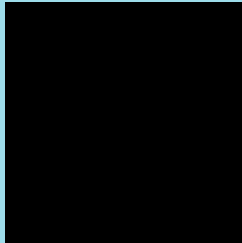
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3491, 64.2950, 87.3876

Background



This preview shows how black text looks on a background with the XYZ color 54.3491, 64.2950, 87.3876.



This preview shows how white text looks on a background with the XYZ color 54.3491, 64.2950,

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

54.3491, 64.2950, 87.3876

Protanopia

62.2958, 64.0126, 81.0238

Deuteranopia

65.1978, 63.8991, 89.0182



Tritanopia

54.9798, 64.5699, 89.6863

Trichromacy



Original Color

54.3491, 64.2950, 87.3876

Protanomaly

58.6726, 63.5629, 83.3052

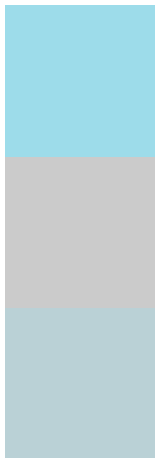
Deuteranomaly

60.6926, 63.7514, 88.4633

Tritanomaly

54.8341, 64.5116, 88.9188

Monochromacy



Original Color

54.3491, 64.2950, 87.3876

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.1878, 60.8951, 72.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3491, 64.2950, 87.3876 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(157, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(157, 220, 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(157, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 220, 234) }
```

Border

The CSS property to change the border of an element to XYZ 54.3491, 64.2950, 87.3876 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(157, 220, 234) }
```


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

```
.border{ border-color:rgb(157, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(157, 220,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3491, 64.2950, 87.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 220, 234) }
```

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

```
.background{ background-color: rgb(157,  
220, 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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