

Converting Colors

XYZ(53.2596, 60.0547, 86.4351)

Have a look what the booklet for
XYZ(53.2596, 60.0547, 86.4351)
contains.

XYZ(53.2077, 59.9262, 86.6045)	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(53.2077, 59.9262,
86.6045)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D2EA
RGB	164, 210, 234
RGB Percent	64%, 82%, 92%
CMY	0.3569, 0.1765, 0.0823
CMYK	0.30, 0.10, 0.00, 0.08
HSL	201°, 63%, 78%
HSV	201°, 30%, 92%
XYZ	53.2077, 59.9262, 86.6045
YIQ	198.9820, -35.1200, -2.2880

Conversions

Conversions Part 2

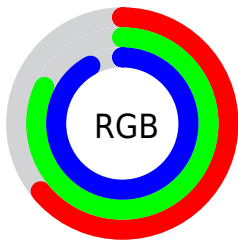
Format	Color
RYB	164, 192, 234
Decimal	10801898
CIELab	81.80, -9.46, -16.69
CIELCh	82, 19.185, 240.446
Yxy	59.9262, 0.2664, 0.3000
Android (android.graphics.Color)	4288991978 (0xFFA4D2EA)
YUV	198.9820, 17.2639, -30.6792
Hunter-Lab	77.4120, -12.7824, -12.1421

Details

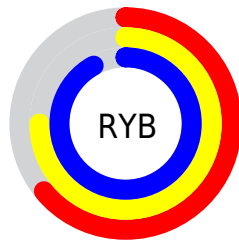
The XYZ color **53.2077, 59.9262, 86.6045** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.6166, 56.1398, 42.8701**, and the grayscale version is **54.1897, 57.0118, 62.0858**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.3548, 30.3063, 46.5801** is the 20% darker color. If you saturate the color by 10%, you get **46.8848, 53.8011, 85.7565**, and if you desaturate by 10%, it is **60.5220, 66.7127, 87.5299**.

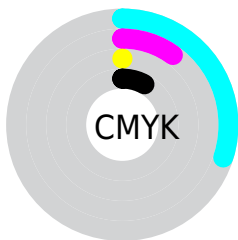
Distribution



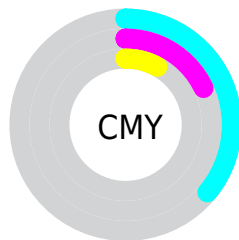
- Red (64%)
- Green (82%)
- Blue (92%)



- Red (64%)
- Yellow (75%)
- Blue (92%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2077, 59.9262, 86.6045 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 53.2077, 59.9262, 86.6045 by changing the saturation by 10% instead.

■ 53.2077, 59.9262,
86.6045

■ 53.2077, 59.9262,
86.6045

389.3293,
424.3257, 537.2048

■ 38.1967, 43.3592,
64.6102

■ 94.0737, 104.7226,
144.5068

■ 26.3133, 30.1670,
46.6957

■ 120.6594,
133.7208, 181.2518

■ 17.1921, 19.9654,
32.4426

151.8340,
167.6314, 223.7508

■ 10.4677, 12.3699,
21.4321

187.9630,
206.8389, 272.4224

■ 5.7748, 6.9961,
13.2459

229.4117,
251.7277, 327.6850

■ 2.7480, 3.4597,
7.4654

276.5454,

■ 1.0219, 1.3762,

302.6822, 389.9573

3.6720

329.7295,
360.0867, 459.6577

■ 0.0000, 0.1991,
1.4472

■ 0.0000, 0.0000,
0.1781

■ 53.2077, 59.9262,
86.6045

■ 53.2077, 59.9262,
86.6045

■ 46.8848, 53.8011,
85.7565

■ 60.5220, 66.7127,
87.5299

■ 41.4977, 48.3021,
84.9790

■ 68.8687, 74.1795,
88.5313

■ 36.9931, 43.4012,
84.2705

■ 78.2930, 82.3534,
89.6123

■ 33.3099, 39.0647,
83.6276

■ 87.8713, 90.7602,
90.7301

■ 30.3785, 35.2543,
83.0466

■ 90.3129, 95.6434,
91.5440

■ 28.1163, 31.9250,
82.5232

■ 91.8515, 98.7206,
92.0568

■ 26.3846, 29.0031,
82.0505

■ 26.3706, 28.9789,
82.0466

Harmonies

Analogous

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



50.5133, 59.9262, 77.1985



53.2077, 59.9262, 86.6045



57.0186, 59.9262, 90.1508

Triad

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



53.2077, 59.9262, 86.6045



65.0938, 59.9262, 65.0762



53.1076, 59.9262, 47.8704

Complementary

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



53.2077, 59.9262, 86.6045



58.6166, 56.1398, 42.8701

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.



56.8975, 59.9262, 45.4160



53.2077, 59.9262, 86.6045



63.9289, 59.9262, 54.6018

Square

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



53.2077, 59.9262, 86.6045



63.9943, 59.9262, 76.8630



60.8806, 59.9262, 47.7295



50.4574, 59.9262, 54.8689

Rectangle

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



53.2077, 59.9262, 86.6045



59.7181, 59.9262, 88.4222



60.8806, 59.9262, 47.7295



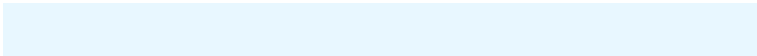
54.2844, 59.9262, 46.5263

Sweetspot

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



53.2095, 59.9286, 86.6059



84.6461, 90.9865, 107.7086



53.7393, 70.3415, 57.9474



17.7796, 19.1773, 23.0144



0.0000, 0.0000, 0.0000



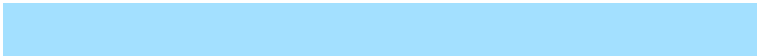
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2095, 59.9286, 86.6059



59.7243, 68.0858, 104.6018



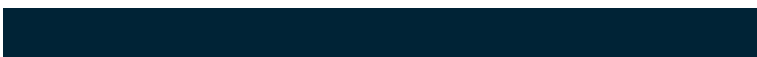
45.6226, 44.7546, 84.0769



15.0577, 16.2018, 19.2559



14.9402, 16.5274, 46.1456



1.2620, 1.4755, 3.6532

Inverse Universe

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



58.8415, 48.6980, 67.2737



67.7634, 52.8817, 76.8218



66.8436, 72.5938, 45.6124



15.4827, 15.2209, 17.8271



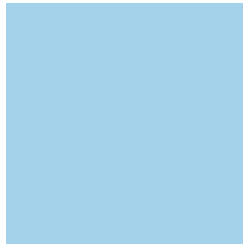
22.3964, 11.1613, 18.4207



1.8035, 0.8944, 1.6826

Previews

White Background



This preview shows how the XYZ color 53.2077, 59.9262, 86.6045 looks on a white background.

Color Contrast Check

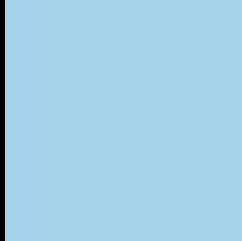
Large Text (above 18pt) WCAG AA × Fail

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 53.2077, 59.9262, 86.6045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

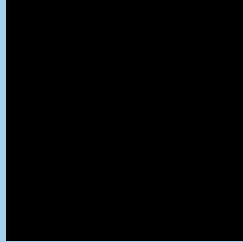
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2077, 59.9262, 86.6045

Background



This preview shows how black text looks on a background with the XYZ color 53.2077, 59.9262, 86.6045.

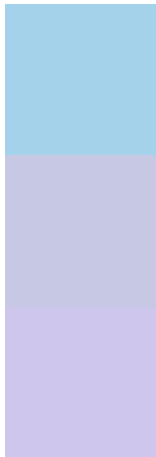


This preview shows how white text looks on a background with the XYZ color 53.2077, 59.9262,

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

53.2077, 59.9262, 86.6045

Protanopia

58.4434, 59.5168, 81.8064

Deuteranopia

60.9337, 59.6244, 88.4179



Tritanopia

52.4021, 59.9765, 82.2135

Trichromacy



Original Color

53.2077, 59.9262, 86.6045

Protanomaly

56.1255, 59.3380, 83.3582

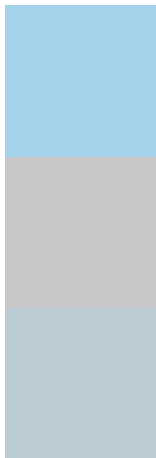
Deuteranomaly

57.7467, 59.3736, 87.7735

Tritanomaly

52.6815, 60.0882, 83.6845

Monochromacy



Original Color

53.2077, 59.9262, 86.6045

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4893, 57.9044, 70.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2077, 59.9262, 86.6045 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(164, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(164, 210, 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(164, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 210, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.2077, 59.9262, 86.6045 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(164, 210, 234) }
```


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

```
.border{ border-color:rgb(164, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(164, 210,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2077, 59.9262, 86.6045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 210, 234) }
```

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

```
.background{ background-color: rgb(164,  
210, 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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