

Converting Colors

XYZ(55.4202, 65.2363, 94.4370)

Have a look what the booklet for
XYZ(55.4202, 65.2363, 94.4370)
contains.

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Color

**XYZ(55.3605, 65.0540,
94.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADDF3
RGB	154, 221, 243
RGB Percent	60%, 87%, 95%
CMY	0.3961, 0.1333, 0.0471
CMYK	0.37, 0.09, 0.00, 0.05
HSL	195°, 79%, 78%
HSV	195°, 37%, 95%
XYZ	55.3605, 65.0540, 94.4329
YIQ	203.4750, -46.9940, -7.3620

Conversions

Conversions Part 2

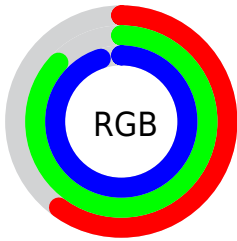
Format	Color
RYB	154, 192, 243
Decimal	10149363
CIELab	84.51, -15.67, -17.43
CIELCh	85, 23.444, 228.041
Yxy	65.0540, 0.2577, 0.3028
Android (android.graphics.Color)	4288339443 (0xFF9ADD3)
YUV	203.4750, 19.4858, -43.3896
Hunter-Lab	80.6561, -18.6297, -12.9581

Details

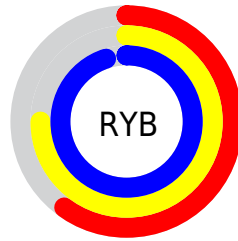
The XYZ color **55.3605, 65.0540, 94.4329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3212, 52.4392, 37.6213**, and the grayscale version is **56.9674, 59.9341, 65.2683**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **27.7514, 33.5129, 52.0197** is the 20% darker color. If you saturate the color by 10%, you get **49.6382, 59.7933, 93.7202**, and if you desaturate by 10%, it is **62.0796, 70.9159, 95.2113**.

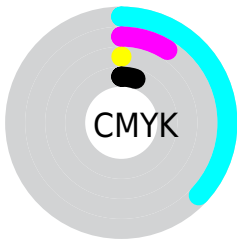
Distribution



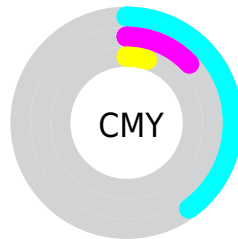
- Red (60%)
- Green (87%)
- Blue (95%)



- Red (60%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3605, 65.0540, 94.4329 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 55.3605, 65.0540, 94.4329 by changing the saturation by 10% instead.

■ 55.3605, 65.0540,
94.4329

■ 55.3605, 65.0540,
94.4329

397.3912,
442.9860, 563.2858

■ 39.9254, 47.5049,
71.0688

■ 97.2142, 112.1275,
155.4697

■ 27.6643, 33.4349,
51.9162

■ 124.3635,
142.4206, 193.9795

■ 18.2119, 22.4599,
36.5565

156.1483,
177.7306, 238.3750

■ 11.2029, 14.1952,
24.5712

192.9338,
218.4417, 289.0746

■ 6.2718, 8.2565,
15.5418

235.0855,
264.9384, 346.4970

■ 3.0532, 4.2595,
9.0496

282.9688,

■ 1.1820, 1.8198,

317.6051, 411.0606

4.6763

336.9489,
376.8262, 483.1840

■ 0.0921, 0.4995,
2.0032

■ 0.0000, 0.0000,
0.5573

■ 55.3605, 65.0540,
94.4329

■ 55.3605, 65.0540,
94.4329

■ 49.6382, 59.7933,
93.7202

■ 62.0796, 70.9159,
95.2113

■ 44.8495, 55.0957,
93.0659

■ 69.8423, 77.3993,
96.0536

■ 40.9325, 50.9300,
92.4683

■ 78.6993, 84.5327,
96.9637

■ 37.8155, 47.2583,
91.9238

■ 88.6963, 92.3406,
97.9439

■ 35.4142, 44.0361,
91.4285

■ 91.9260, 96.7475,
98.6243

■ 33.6225, 41.2081,
90.9770

■ 93.1779, 99.2512,
99.0415

■ 33.0988, 40.3131,
90.8319

Harmonies

Analogous

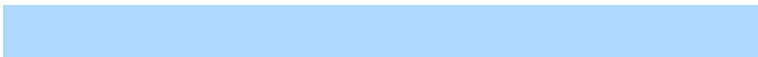
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.7702, 65.0540, 80.1141



55.3605, 65.0540, 94.4329



59.7752, 65.0540, 102.8428

Triad

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



55.3605, 65.0540, 94.4329



72.1809, 65.0540, 76.9580



58.7750, 65.0540, 46.8638

Complementary

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



55.3605, 65.0540, 94.4329



58.3212, 52.4392, 37.6213

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.



63.9352, 65.0540, 46.2670



55.3605, 65.0540, 94.4329



71.8757, 65.0540, 62.2974

Square

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



55.3605, 65.0540, 94.4329



69.6007, 65.0540, 91.8442



68.7889, 65.0540, 51.5338



54.6638, 65.0540, 53.2983

Rectangle

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



55.3605, 65.0540, 94.4329



63.2467, 65.0540, 103.2810



68.7889, 65.0540, 51.5338



60.4383, 65.0540, 46.0105

Sweetspot

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



55.3625, 65.0565, 94.4344



83.3008, 90.7187, 107.7278



53.0934, 74.0585, 51.9354



17.5426, 19.1862, 23.0287



0.0000, 0.0000, 0.0000



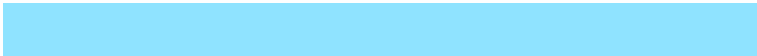
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3625, 65.0565, 94.4344



56.8855, 68.1265, 104.7593



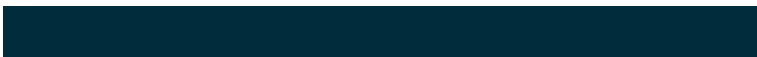
45.3730, 45.0775, 91.1046



16.6295, 18.0234, 21.1450



18.2774, 22.3486, 49.8884



1.6868, 2.1250, 4.4115

Inverse Universe

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



61.5705, 47.3880, 74.3111



64.9346, 46.4058, 78.4017



68.1974, 72.1915, 40.9134



17.0283, 16.6942, 19.8958



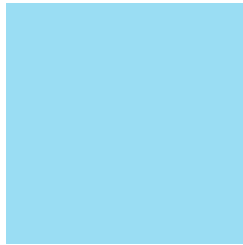
25.0301, 12.3555, 25.9306



2.2405, 1.1022, 2.4927

Previews

White Background



This preview shows how the XYZ color 55.3605, 65.0540, 94.4329 looks on a white background.

Color Contrast Check

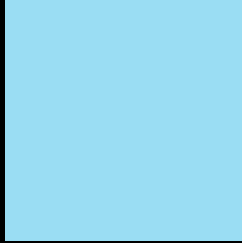
Large Text (above 18pt) WCAG AA × Fail

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 55.3605, 65.0540, 94.4329 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 55.3605, 65.0540, 94.4329

Background



This preview shows how black text looks on a background with the XYZ color 55.3605, 65.0540, 94.4329.

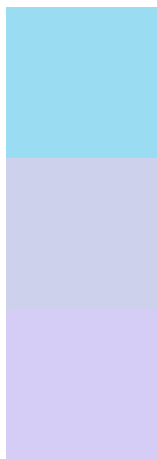


This preview shows how white text looks on a background with the XYZ color 55.3605, 65.0540,

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

55.3605, 65.0540, 94.4329

Protanopia

63.2495, 64.7209, 87.7560

Deuteranopia

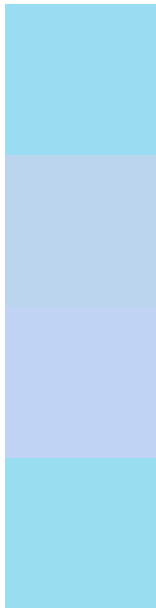
65.9064, 64.4626, 96.1577



Tritanopia

54.8381, 65.2469, 91.3650

Trichromacy



Original Color

55.3605, 65.0540, 94.4329

Protanomaly

59.7204, 64.3263, 90.1575

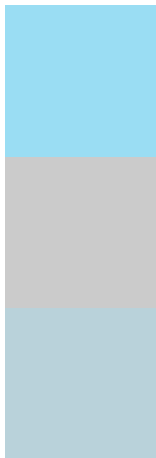
Deuteranomaly

61.5139, 64.3876, 95.5721

Tritanomaly

54.9863, 65.3061, 92.1453

Monochromacy



Original Color

55.3605, 65.0540, 94.4329

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.7091, 61.4694, 75.2583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3605, 65.0540, 94.4329 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(154, 221, 243)` looks like.

```
.text, #text, p{  
    color:rgb(154, 221, 243)  
}
```

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(154, 221, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 221, 243) }
```

Border

The CSS property to change the border of an element to XYZ 55.3605, 65.0540, 94.4329 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(154, 221, 243) }
```


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

```
.border{ border-color:rgb(154, 221, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 221, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 221, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 221, 243);  
box-shadow:4px 4px 4px 4px rgb(154, 221,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3605, 65.0540, 94.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 221, 243) }
```

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

```
.background{ background-color: rgb(154,  
221, 243) }
```

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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