

Converting Colors

XYZ(53.3423, 65.6862, 90.7562)

Have a look what the booklet for
XYZ(53.3423, 65.6862, 90.7562)
contains.

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Color

**XYZ(53.3423, 65.6862,
90.7562)**

Conversions

Conversions Part 1

Format	Color
Hex	8DE1EE
RGB	141, 225, 238
RGB Percent	55%, 88%, 93%
CMY	0.4470, 0.1176, 0.0667
CMYK	0.41, 0.05, 0.00, 0.07
HSL	188°, 74%, 74%
HSV	188°, 41%, 93%
XYZ	53.3423, 65.6862, 90.7562
YIQ	201.3660, -54.2370, -13.7650

Conversions

Conversions Part 2

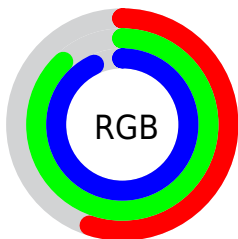
Format	Color
RYB	141, 186, 238
Decimal	9298414
CIELab	84.84, -22.21, -14.37
CIELCh	85, 26.452, 212.895
Yxy	65.6862, 0.2543, 0.3131
Android (android.graphics.Color)	4287488494 (0xFF8DE1EE)
YUV	201.3660, 18.0606, -52.9410
Hunter-Lab	81.0470, -24.3499, -9.6598

Details

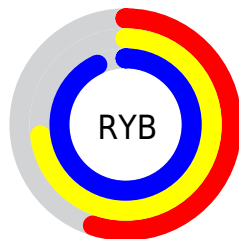
The XYZ color **53.3423, 65.6862, 90.7562** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6243, 43.2123, 30.8208**, and the grayscale version is **55.6616, 58.5603, 63.7722**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **26.4744, 34.0117, 49.4255** is the 20% darker color. If you saturate the color by 10%, you get **48.8685, 62.1134, 90.3035**, and if you desaturate by 10%, it is **58.7057, 69.7446, 91.2580**.

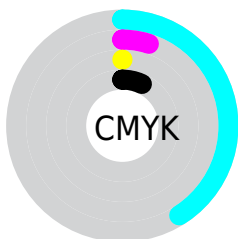
Distribution



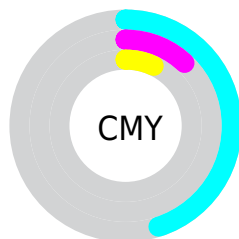
- Red (55%)
- Green (88%)
- Blue (93%)



- Red (55%)
- Yellow (73%)
- Blue (93%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3423, 65.6862, 90.7562 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 53.3423, 65.6862, 90.7562 by changing the saturation by 10% instead.

53.3423, 65.6862,
90.7562

53.3423, 65.6862,
90.7562

389.8364,
445.2538, 551.1211

38.3047, 48.0177,
68.0308

94.2704, 113.0358,
150.3330

26.3975, 33.8409,
49.4559

120.8916,
143.4858, 188.0215

17.2555, 22.7714,
34.6131

152.1048,
178.9650, 231.5347

10.5133, 14.4248,
23.0839

188.2752,
219.8578, 281.2912

5.8054, 8.4167,
14.4496

229.7682,
266.5487, 337.7096

2.7667, 4.3627,
8.2917

276.9491,

1.0316, 1.8785,

319.4221, 401.2084

4.1917

330.1834,
378.8623, 472.2060

■ 0.0000, 0.5354,
1.7311

■ 0.0000, 0.0000,
0.3819

■ 53.3423, 65.6862,
90.7562

■ 53.3423, 65.6862,
90.7562

■ 48.8685, 62.1134,
90.3035

■ 58.7057, 69.7446,
91.2580

■ 45.2219, 58.9893,
89.8927

■ 65.0041, 74.3075,
91.8068

■ 42.3418, 56.2839,
89.5223

■ 72.2867, 79.4020,
92.4063

■ 40.1560, 53.9601,
89.1890

■ 80.5978, 85.0509,
93.0586

■ 38.5785, 51.9731,
88.8886

■ 88.1133, 90.3141,
93.6784

■ 37.5305, 50.3685,
88.6341

■ 89.0654, 92.2182,
93.9957

■ 90.0341, 94.1556,
94.3186

■ 91.0195, 96.1264,
94.6471

■ 92.0216, 98.1307,
94.9811

Harmonies

Analogous

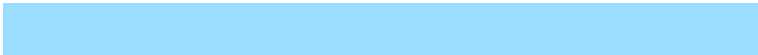
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.7264, 65.6862, 73.1825



53.3423, 65.6862, 90.7562



57.3819, 65.6862, 104.6947

Triad

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



53.3423, 65.6862, 90.7562



73.1393, 65.6862, 87.4501



61.8588, 65.6862, 43.6207

Complementary

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



53.3423, 65.6862, 90.7562



51.6243, 43.2123, 30.8208

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.



67.7717, 65.6862, 46.2192



53.3423, 65.6862, 90.7562



74.5230, 65.6862, 69.8850

Square

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



53.3423, 65.6862, 90.7562



68.8303, 65.6862, 102.5834



72.5014, 65.6862, 55.2161



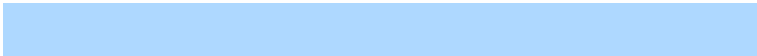
56.4444, 65.6862, 47.4626

Rectangle

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



53.3423, 65.6862, 90.7562



61.0334, 65.6862, 109.0529



72.5014, 65.6862, 55.2161



63.8533, 65.6862, 43.7712

Sweetspot

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



53.3443, 65.6888, 90.7577



83.3804, 92.0630, 107.9831



47.3876, 69.1440, 41.3929



17.5977, 19.5326, 23.0926



0.0000, 0.0000, 0.0000



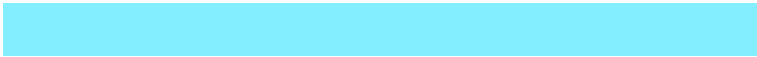
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3443, 65.6888, 90.7577



57.9130, 73.2685, 105.6976



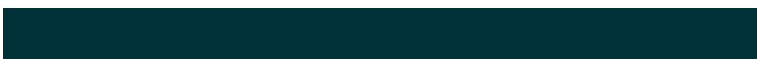
42.0553, 43.1108, 86.9947



16.0562, 17.5465, 20.2622



21.0076, 28.2395, 49.4714



1.7972, 2.4484, 4.1321

Inverse Universe

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



58.3770, 42.6648, 76.3953



64.6997, 43.4267, 86.0591



61.2913, 62.5464, 34.0431



16.3578, 15.9928, 19.4404



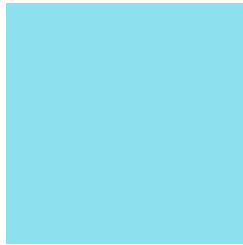
25.9293, 12.6441, 33.8738



2.1821, 1.0619, 2.9497

Previews

White Background



This preview shows how the XYZ color 53.3423, 65.6862, 90.7562 looks on a white background.

Color Contrast Check

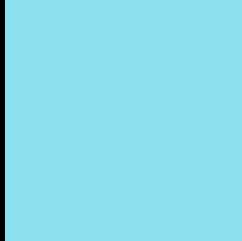
Large Text (above 18pt) WCAG AA × Fail

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 53.3423, 65.6862, 90.7562 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 53.3423, 65.6862, 90.7562

Background



This preview shows how black text looks on a background with the XYZ color 53.3423, 65.6862, 90.7562.

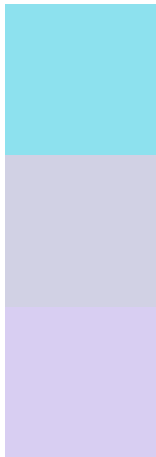


This preview shows how white text looks on a background with the XYZ color 53.3423, 65.6862,

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

53.3423, 65.6862, 90.7562

Protanopia

63.0986, 64.7577, 82.5726

Deuteranopia

66.4172, 65.1523, 93.0795



Tritanopia

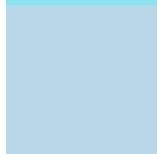
53.8380, 65.4729, 93.8044

Trichromacy



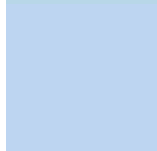
Original Color

53.3423, 65.6862, 90.7562



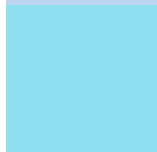
Protanomaly

58.6331, 64.6174, 85.7260



Deuteranomaly

60.6577, 64.7582, 92.5217



Tritanomaly

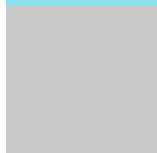
53.6882, 65.4130, 93.0154

Monochromacy



Original Color

53.3423, 65.6862, 90.7562



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.7746, 60.5319, 72.4679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3423, 65.6862, 90.7562 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(141, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(141, 225, 238)  
}
```

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(141, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.3423, 65.6862, 90.7562 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(141, 225, 238) }
```


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

```
.border{ border-color:rgb(141, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(141, 225,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3423, 65.6862, 90.7562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 225, 238) }
```

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

```
.background{ background-color: rgb(141,  
225, 238) }
```

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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