

Converting Colors

XYZ(53.4515, 68.5829, 85.0815)

Have a look what the booklet for
XYZ(53.4515, 68.5829, 85.0815)
contains.

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Color

**XYZ(53.6208, 68.8297,
85.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE8E6
RGB	138, 232, 230
RGB Percent	54%, 91%, 90%
CMY	0.4588, 0.0902, 0.0980
CMYK	0.41, 0.00, 0.01, 0.09
HSL	179°, 67%, 73%
HSV	179°, 41%, 91%
XYZ	53.6208, 68.8297, 85.3223
YIQ	203.6660, -55.3820, -20.5500

Conversions

Conversions Part 2

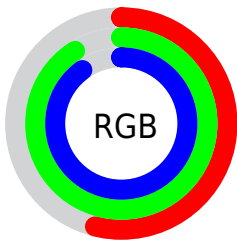
Format	Color
RYB	138, 186, 232
Decimal	9103590
CIELab	86.42, -28.32, -7.80
CIELCh	86, 29.375, 195.402
Yxy	68.8297, 0.2581, 0.3313
Android (android.graphics.Color)	4287293670 (0xFF8AE8E6)
YUV	203.6660, 12.9827, -57.5891
Hunter-Lab	82.9637, -29.8189, -2.9010

Details

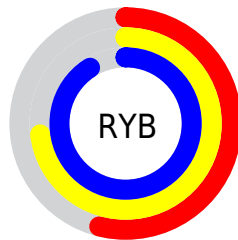
The XYZ color **53.6208, 68.8297, 85.3223** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.1032, 37.2283, 29.5166**, and the grayscale version is **57.1312, 60.1065, 65.4559**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **26.5715, 35.8513, 46.0770** is the 20% darker color. If you saturate the color by 10%, you get **50.1160, 67.0326, 84.7980**, and if you desaturate by 10%, it is **57.9496, 71.0549, 85.8892**.

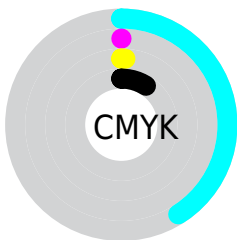
Distribution



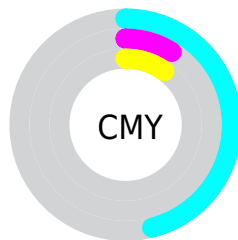
- Red (54%)
- Green (91%)
- Blue (90%)



- Red (54%)
- Yellow (73%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)





- Cyan (46%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6208, 68.8297, 85.3223 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 53.6208, 68.8297, 85.3223 by changing the saturation by 10% instead.

 53.6208, 68.8297,
85.3223


 53.6208, 68.8297,
85.3223


390.8843,
456.4301, 532.8663

 38.5280, 50.5730,
63.5560


 94.6774, 117.5383,
142.7015

 26.5718, 35.8689,
45.8473


 121.3720,
148.7590, 179.1516

 17.3868, 24.3330,
31.7775


152.6645,
185.0699, 221.3334

 10.6077, 15.5808,
20.9282

188.9204,
226.8553, 269.6654

 5.8690, 9.2280,
12.8808

230.5049,
274.4996, 324.5661

 2.8055, 4.8902,
7.2168

277.7836,

 1.0518, 2.1830,

328.3873, 386.4541

3.5175

331.1216,
388.9026, 455.7480

■ 0.0000, 0.7107,
1.3646

■ 0.0000, 0.0000,
0.1139

■ 53.6208, 68.8297,
85.3223

■ 53.6208, 68.8297,
85.3223

■ 50.1160, 67.0326,
84.7980

■ 57.9496, 71.0549,
85.8892

■ 47.3766, 65.6283,
84.3090


■ 63.1445, 73.7249,
86.4962


■ 45.3456, 64.5893,
83.8541


■ 69.2517, 76.8652,
87.1470


■ 43.9559, 63.8808,
83.4303

■ 76.3125, 80.4971,
87.8434


 43.1272, 63.4615,
83.0338


 84.3658, 84.6406,
88.5872

 42.7314, 63.2650,
82.6770

 84.8010, 84.8568,
88.9756

 84.8717, 84.8851,
89.3479

 84.9426, 84.9135,
89.7213

 85.0137, 84.9419,
90.0957

Harmonies

Analogous

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



53.5793, 68.8297, 65.9073



53.6208, 68.8297, 85.3223



56.6731, 68.8297, 104.8538

Triad

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



53.6208, 68.8297, 85.3223



75.1669, 68.8297, 104.3903



68.7675, 68.8297, 44.2644

Complementary

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



53.6208, 68.8297, 85.3223



47.1032, 37.2283, 29.5166

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.



75.0248, 68.8297, 51.3427



53.6208, 68.8297, 85.3223



78.8894, 68.8297, 84.7708

Square

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



53.6208, 68.8297, 85.3223



68.9506, 68.8297, 117.0929



78.8356, 68.8297, 65.4431



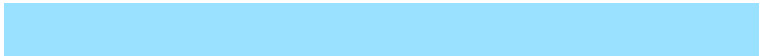
62.0131, 68.8297, 44.3601

Rectangle

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



53.6208, 68.8297, 85.3223



60.1339, 68.8297, 114.3531



78.8356, 68.8297, 65.4431



71.0084, 68.8297, 45.8217

Sweetspot

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



53.6228, 68.8324, 85.3239



84.5698, 94.6094, 107.8626



44.4534, 65.2254, 34.2931



17.8796, 20.1362, 23.0639



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.



53.6228, 68.8324, 85.3239



62.5980, 83.3195, 105.1598



43.0606, 47.2552, 83.1986



14.7935, 16.3308, 18.4433



23.7282, 35.1234, 45.9308



1.7577, 2.5972, 3.4165

Inverse Universe

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



47.1032, 37.2283, 29.5166



53.4430, 38.9241, 26.7824



54.5693, 52.3946, 31.2834



14.3894, 14.3729, 14.9849



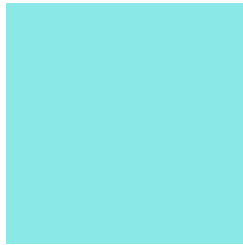
18.4959, 9.5326, 0.9743



1.3712, 0.7062, 0.0952

Previews

White Background



This preview shows how the XYZ color 53.6208, 68.8297, 85.3223 looks on a white background.

Color Contrast Check

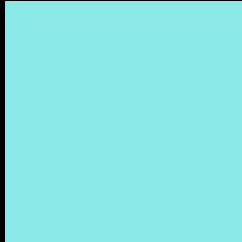
Large Text (above 18pt) WCAG AA × Fail

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 53.6208, 68.8297, 85.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

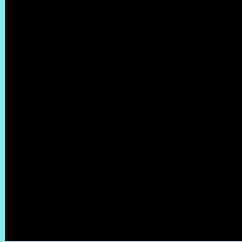
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6208, 68.8297, 85.3223

Background



This preview shows how black text looks on a background with the XYZ color 53.6208, 68.8297, 85.3223.



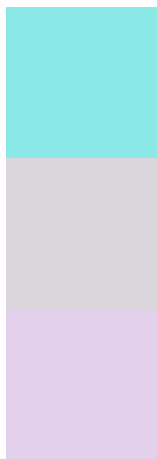
This preview shows how white text looks on a background with the XYZ color 53.6208, 68.8297,

85.3223.

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

53.6208, 68.8297, 85.3223

Protanopia

65.7462, 68.1130, 76.6998

Deuteranopia

69.4744, 67.9300, 88.0474



Tritanopia

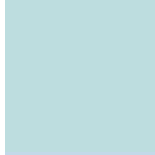
56.2903, 68.6556, 99.0920

Trichromacy



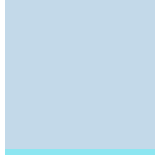
Original Color

53.6208, 68.8297, 85.3223



Protanomaly

60.1620, 67.8594, 79.7393



Deuteranomaly

62.0265, 67.1110, 86.7754



Tritanomaly

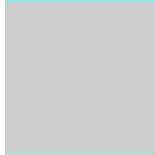
55.1585, 68.6072, 93.5544

Monochromacy



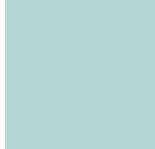
Original Color

53.6208, 68.8297, 85.3223



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.8792, 62.6005, 72.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6208, 68.8297, 85.3223 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(138, 232, 230)` looks like.

```
.text, #text, p{  
    color:rgb(138, 232, 230)  
}
```

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(138, 232, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 232, 230) }
```

Border

The CSS property to change the border of an element to XYZ 53.6208, 68.8297, 85.3223 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(138, 232, 230) }
```


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

```
.border{ border-color:rgb(138, 232, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 232, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 232, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 232, 230);  
box-shadow:4px 4px 4px 4px rgb(138, 232,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6208, 68.8297, 85.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 232, 230) }
```

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

```
.background{ background-color: rgb(138,  
232, 230) }
```

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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