

Converting Colors

XYZ(53.4398, 63.8059, 90.2282)

Have a look what the booklet for
XYZ(53.4398, 63.8059, 90.2282)
contains.

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Color

**XYZ(53.4202, 63.7490,
90.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	95DCEE
RGB	149, 220, 238
RGB Percent	58%, 86%, 93%
CMY	0.4157, 0.1372, 0.0667
CMYK	0.37, 0.08, 0.00, 0.07
HSL	192°, 72%, 76%
HSV	192°, 37%, 93%
XYZ	53.4202, 63.7490, 90.3782
YIQ	200.8230, -48.0940, -9.4540

Conversions

Conversions Part 2

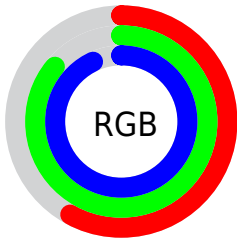
Format	Color
RYB	149, 188, 238
Decimal	9821422
CIELab	83.83, -17.69, -15.83
CIElCh	84, 23.742, 221.817
Yxy	63.7490, 0.2574, 0.3072
Android (android.graphics.Color)	4288011502 (0xFF95DCEE)
YUV	200.8230, 18.3283, -45.4488
Hunter-Lab	79.8430, -20.2970, -11.2232

Details

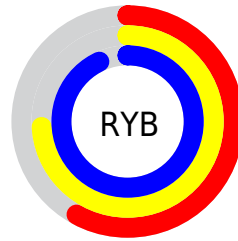
The XYZ color **53.4202, 63.7490, 90.3782** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5044, 47.9853, 34.8247**, and the grayscale version is **55.3208, 58.2018, 63.3817**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **26.4128, 32.6148, 49.1592** is the 20% darker color. If you saturate the color by 10%, you get **48.2691, 59.2466, 89.7818**, and if you desaturate by 10%, it is **59.4988, 68.7865, 91.0313**.

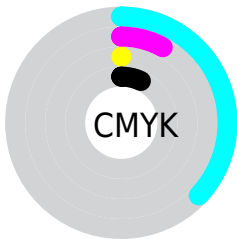
Distribution



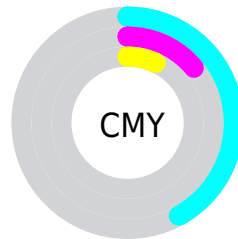
- Red (58%)
- Green (86%)
- Blue (93%)



- Red (58%)
- Yellow (74%)
- Blue (93%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4202, 63.7490, 90.3782 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 53.4202, 63.7490, 90.3782 by changing the saturation by 10% instead.

53.4202, 63.7490,
90.3782

53.4202, 63.7490,
90.3782

390.1297,
438.2827, 549.8622

38.3671, 46.4474,
67.7189

94.3843, 110.2494,
149.8037

26.4463, 32.5990,
49.2038

121.0260,
140.2169, 187.4070

17.2922, 21.8195,
34.4144

152.2614,
175.1753, 230.8287

10.5397, 13.7243,
22.9322

188.4557,
215.5088, 280.4874

5.8232, 7.9292,
14.3386

229.9743,
261.6020, 336.8015

2.7775, 4.0497,
8.2151

277.1826,

1.0372, 1.7014,

313.8390, 400.1896

4.1432

330.4460,
372.6045, 471.0703

■ 0.0000, 0.4245,
1.7042

■ 0.0000, 0.0000,
0.3636

■ 53.4202, 63.7490,
90.3782

■ 53.4202, 63.7490,
90.3782

■ 48.2691, 59.2466,
89.7818

■ 59.4988, 68.7865,
91.0313

■ 43.9850, 55.2432,
89.2348

■ 66.5491, 74.3779,
91.7389

■ 40.5090, 51.7096,
88.7360

■ 74.6195, 80.5500,
92.5049

■ 37.7725, 48.6097,
88.2819

■ 83.7534, 87.3257,
93.3313

■ 35.6945, 45.9016,
87.8687

■ 89.0442, 92.1759,
93.9887

■ 34.1688, 43.5298,
87.4913

■ 90.5120, 95.1114,
94.4779

■ 33.8185, 42.9445,
87.3968

■ 92.0178, 98.1231,
94.9799

■ 92.4328, 98.9531,
95.1182

Harmonies

Analogous

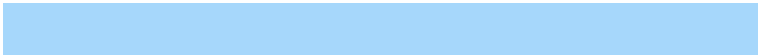
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.2955, 63.7490, 75.4618



53.4202, 63.7490, 90.3782



57.5155, 63.7490, 100.4325

Triad

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



53.4202, 63.7490, 90.3782



70.6280, 63.7490, 78.7659



58.5607, 63.7490, 44.9228

Complementary

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



53.4202, 63.7490, 90.3782



54.5044, 47.9853, 34.8247

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.



63.7753, 63.7490, 45.5432



53.4202, 63.7490, 90.3782



70.9478, 63.7490, 63.6942

Square

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



53.4202, 63.7490, 90.3782



67.5275, 63.7490, 93.0940



68.3775, 63.7490, 51.9680



54.1475, 63.7490, 50.1307

Rectangle

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



53.4202, 63.7490, 90.3782



60.9101, 63.7490, 102.2598



68.3775, 63.7490, 51.9680



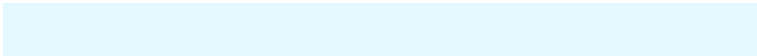
60.2740, 63.7490, 44.4796

Sweetspot

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



53.4221, 63.7515, 90.3797



83.6898, 91.4968, 107.8575



49.9269, 70.3226, 47.4061



17.6358, 19.3725, 23.0597



0.0000, 0.0000, 0.0000



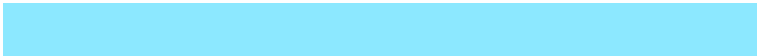
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4221, 63.7515, 90.3797



57.7063, 70.4149, 105.1577



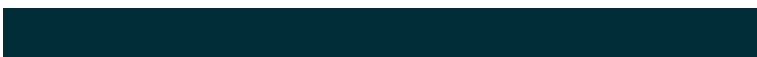
43.2951, 43.4973, 87.0040



15.9601, 17.3543, 20.2301



18.9616, 24.1474, 48.7894



1.6453, 2.1446, 4.0815

Inverse Universe

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



58.9272, 44.8409, 73.2622



65.1910, 45.9039, 81.6155



64.0549, 67.0862, 38.0082



16.3093, 15.9734, 19.1849



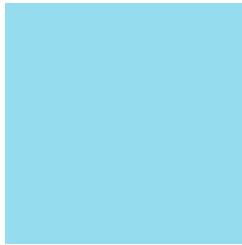
24.8966, 12.2310, 28.4355



2.1054, 1.0312, 2.5461

Previews

White Background



This preview shows how the XYZ color 53.4202, 63.7490, 90.3782 looks on a white background.

Color Contrast Check

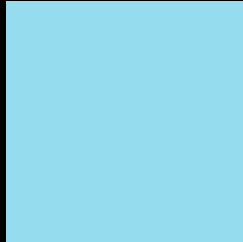
Large Text (above 18pt) WCAG AA × Fail

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 53.4202, 63.7490, 90.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

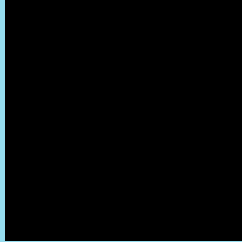
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4202, 63.7490, 90.3782

Background



This preview shows how black text looks on a background with the XYZ color 53.4202, 63.7490, 90.3782.



This preview shows how white text looks on a background with the XYZ color 53.4202, 63.7490,

90.3782.

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

53.4202, 63.7490, 90.3782

Protanopia

62.0494, 63.4606, 83.8417

Deuteranopia

64.5343, 63.1197, 92.7864



Tritanopia

53.4202, 63.7490, 90.3782

Trichromacy



Original Color

53.4202, 63.7490, 90.3782

Protanomaly

58.2590, 63.2844, 86.2353

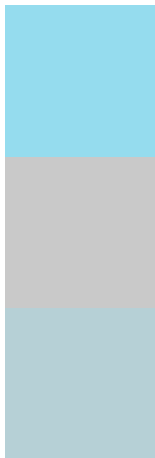
Deuteranomaly

59.6639, 62.7706, 92.1904

Tritanomaly

53.4202, 63.7490, 90.3782

Monochromacy



Original Color

53.4202, 63.7490, 90.3782

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.9849, 59.9119, 72.3372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4202, 63.7490, 90.3782 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(149, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(149, 220, 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(149, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 220, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.4202, 63.7490, 90.3782 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(149, 220, 238) }
```


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

```
.border{ border-color:rgb(149, 220, 238) }
```

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

Here you see how a box with a 4 pixel rgb(149, 220, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(149, 220,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4202, 63.7490, 90.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 220, 238) }
```

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

```
.background{ background-color: rgb(149,  
220, 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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