

Converting Colors

XYZ(53.3511, 64.4631, 92.0688)

Have a look what the booklet for
XYZ(53.3511, 64.4631, 92.0688)
contains.

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Color

**XYZ(53.3511, 64.4631,
92.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	90DEF0
RGB	144, 222, 240
RGB Percent	56%, 87%, 94%
CMY	0.4353, 0.1294, 0.0588
CMYK	0.40, 0.07, 0.00, 0.06
HSL	191°, 76%, 75%
HSV	191°, 40%, 94%
XYZ	53.3511, 64.4631, 92.0688
YIQ	200.7300, -52.2660, -10.9380

Conversions

Conversions Part 2

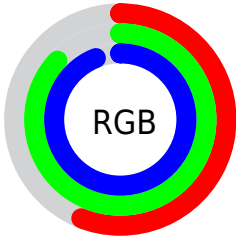
Format	Color
RYB	144, 187, 240
Decimal	9494256
CIELab	84.21, -19.47, -16.35
CIELCh	84, 25.430, 220.025
Yxy	64.4631, 0.2542, 0.3071
Android (android.graphics.Color)	4287684336 (0xFF90DEF0)
YUV	200.7300, 19.3601, -49.7522
Hunter-Lab	80.2889, -21.8943, -11.7867

Details

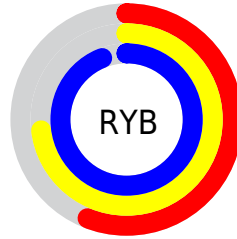
The XYZ color **53.3511, 64.4631, 92.0688** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8908, 46.3808, 32.4994**, and the grayscale version is **55.2591, 58.1369, 63.3110**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **26.4949, 33.1728, 50.3540** is the 20% darker color. If you saturate the color by 10%, you get **48.4177, 60.1708, 91.5014**, and if you desaturate by 10%, it is **59.2113, 69.2836, 92.6915**.

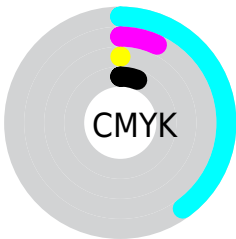
Distribution



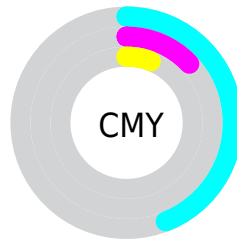
- Red (56%)
- Green (87%)
- Blue (94%)



- Red (56%)
- Yellow (73%)
- Blue (94%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3511, 64.4631, 92.0688 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 53.3511, 64.4631, 92.0688 by changing the saturation by 10% instead.

■ 53.3511, 64.4631,
92.0688

■ 53.3511, 64.4631,
92.0688

389.8695,
440.8601, 555.4807

■ 38.3117, 47.0259,
69.1144

■ 94.2833, 111.2776,
152.1693

■ 26.4030, 33.0561,
50.3326

■ 120.9068,
141.4237, 190.1524

■ 17.2597, 22.1694,
35.3047

152.1225,
176.5748, 233.9823

■ 10.5162, 13.9814,
23.6122

188.2956,
217.1153, 284.0774

■ 5.8074, 8.1078,
14.8367

229.7914,
263.4298, 340.8562

■ 2.7679, 4.1640,
8.5595

276.9755,

■ 1.0322, 1.7657,

315.9024, 404.7373

4.3621

330.2131,
374.9177, 476.1393

■ 0.0000, 0.4657,
1.8260

■ 0.0000, 0.0000,
0.4450

■ 53.3511, 64.4631,
92.0688

■ 53.3511, 64.4631,
92.0688

■ 48.4177, 60.1708,
91.5014

■ 59.2113, 69.2836,
92.6915

■ 44.3481, 56.3692,
90.9822

■ 66.0446, 74.6519,
93.3675

■ 41.0804, 53.0276,
90.5094

■ 73.9012, 80.5959,
94.1008

■ 38.5416, 50.1081,
90.0797

■ 82.8261, 87.1390,
94.8933

■ 36.6452, 47.5656,
89.6889

■ 89.4703, 92.5551,
95.5885

■ 35.2449, 45.3243,
89.3301

■ 90.8445, 95.3036,
96.0466

■ 35.2447, 45.3240,
89.3300

■ 92.2520, 98.1186,
96.5158

■ 92.7284, 99.0714,
96.6746

Harmonies

Analogous

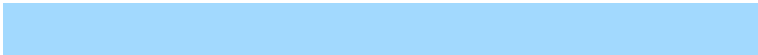
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.2193, 64.4631, 75.7244



53.3511, 64.4631, 92.0688



57.6472, 64.4631, 103.5342

Triad

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



53.3511, 64.4631, 92.0688



72.0146, 64.4631, 81.3182



59.4055, 64.4631, 43.8788

Complementary

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



53.3511, 64.4631, 92.0688



53.8908, 46.3808, 32.4994

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.



65.0420, 64.4631, 44.9038



53.3511, 64.4631, 92.0688



72.5569, 64.4631, 64.9309

Square

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



53.3511, 64.4631, 92.0688



68.4971, 64.4631, 96.6988



69.9366, 64.4631, 52.0837



54.5704, 64.4631, 49.0302

Rectangle

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



53.3511, 64.4631, 92.0688



61.2750, 64.4631, 105.9690



69.9366, 64.4631, 52.0837



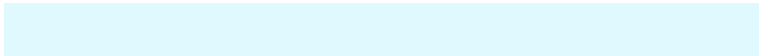
61.2654, 64.4631, 43.5337

Sweetspot

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



53.3531, 64.4656, 92.0703



82.8716, 91.0454, 107.8135



49.1494, 70.8453, 45.0822



17.4773, 19.2918, 23.0525



0.0000, 0.0000, 0.0000



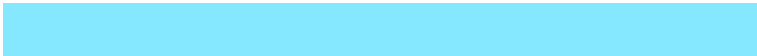
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3531, 64.4656, 92.0703



56.5311, 69.9166, 105.1235



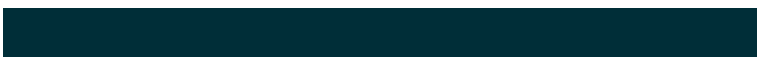
42.4450, 42.6494, 88.4343



15.9808, 17.3957, 20.2370



19.3855, 24.9953, 48.9307



1.6770, 2.2080, 4.0920

Inverse Universe

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



59.0950, 43.7476, 74.4394



64.1458, 43.7549, 81.4475



63.9186, 66.4364, 35.8421



16.3197, 15.9776, 19.2400



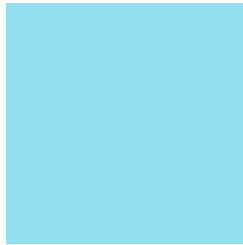
25.1105, 12.3166, 29.5623



2.1214, 1.0376, 2.6303

Previews

White Background



This preview shows how the XYZ color 53.3511, 64.4631, 92.0688 looks on a white background.

Color Contrast Check

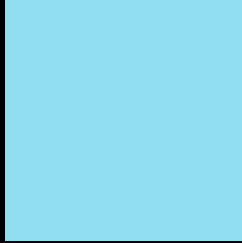
Large Text (above 18pt) WCAG AA × Fail

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 53.3511, 64.4631, 92.0688 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

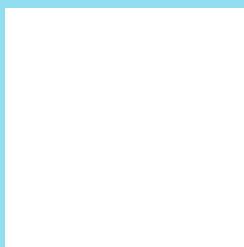
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3511, 64.4631, 92.0688

Background



This preview shows how black text looks on a background with the XYZ color 53.3511, 64.4631, 92.0688.



This preview shows how white text looks on a background with the XYZ color 53.3511, 64.4631,

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

53.3511, 64.4631, 92.0688

Protanopia

62.4333, 64.0031, 84.6645

Deuteranopia

65.3626, 63.8635, 94.4699



Tritanopia

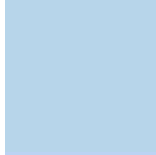
53.3511, 64.4631, 92.0688

Trichromacy



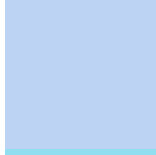
Original Color

53.3511, 64.4631, 92.0688



Protanomaly

58.1740, 63.5963, 87.0511



Deuteranomaly

60.2110, 63.7510, 93.9257



Tritanomaly

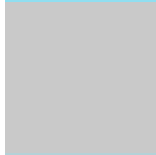
53.3511, 64.4631, 92.0688

Monochromacy



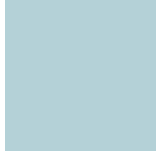
Original Color

53.3511, 64.4631, 92.0688



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.8886, 60.2105, 73.0715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3511, 64.4631, 92.0688 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(144, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(144, 222, 240)  
}
```

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(144, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 53.3511, 64.4631, 92.0688 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(144, 222, 240) }
```


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

```
.border{ border-color:rgb(144, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(144, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3511, 64.4631, 92.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 222, 240) }
```

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

```
.background{ background-color: rgb(144,  
222, 240) }
```

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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