

Converting Colors

XYZ(53.4565, 69.4630, 94.7928)

Have a look what the booklet for
XYZ(53.4565, 69.4630, 94.7928)
contains.

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Color

**XYZ(53.3350, 69.3214,
94.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	79EAF2
RGB	121, 234, 242
RGB Percent	47%, 92%, 95%
CMY	0.5255, 0.0823, 0.0510
CMYK	0.50, 0.03, 0.00, 0.05
HSL	184°, 82%, 71%
HSV	184°, 50%, 95%
XYZ	53.3350, 69.3214, 94.5737
YIQ	201.1250, -69.9160, -21.4680

Conversions

Conversions Part 2

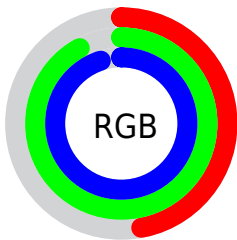
Format	Color
RYB	121, 179, 242
Decimal	7990002
CIELab	86.66, -30.10, -13.82
CIELCh	87, 33.124, 204.657
Yxy	69.3214, 0.2455, 0.3191
Android (android.graphics.Color)	4286180082 (0xFF79EAF2)
YUV	201.1250, 20.1514, -70.2696
Hunter-Lab	83.2595, -31.3592, -9.0654

Details

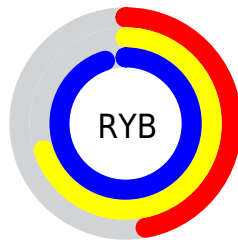
The XYZ color **53.3350, 69.3214, 94.5737** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.9207, 35.9595, 22.5062**, and the grayscale version is **55.5068, 58.3975, 63.5949**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **26.4142, 36.2267, 52.0547** is the 20% darker color. If you saturate the color by 10%, you get **49.9068, 66.8827, 94.2849**, and if you desaturate by 10%, it is **57.6220, 72.2121, 94.9070**.

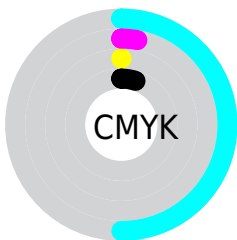
Distribution



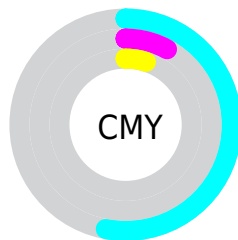
- Red (47%)
- Green (92%)
- Blue (95%)



- Red (47%)
- Yellow (70%)
- Blue (95%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3350, 69.3214, 94.5737 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 53.3350, 69.3214, 94.5737 by changing the saturation by 10% instead.

53.3350, 69.3214,
94.5737

53.3350, 69.3214,
94.5737

389.8089,
458.1637, 563.7488

38.2988, 50.9735,
71.1853

94.2598, 118.2405,
155.6660

26.3930, 36.1875,
52.0107

120.8791,
149.5805, 194.2070

17.2521, 24.5791,
36.6313

152.0901,
186.0200, 238.6360

10.5108, 15.7637,
24.6286

188.2582,
227.9434, 289.3714

5.8038, 9.3571,
15.5841

229.7488,
275.7351, 346.8319

2.7656, 4.9748,
9.0792

276.9272,

1.0311, 2.2325,

329.7794, 411.4359

4.6953

330.1588,
390.4608, 483.6020

■ 0.0000, 0.7376,
2.0140

■ 0.0000, 0.0000,
0.5639

■ 53.3350, 69.3214,
94.5737

■ 53.3350, 69.3214,
94.5737

■ 49.9068, 66.8827,
94.2849

■ 57.6220, 72.2121,
94.9070

■ 47.2663, 64.8545,
94.0326


■ 62.8197, 75.5769,
95.2825

■ 45.3414, 63.2013,
93.8149


■ 68.9832, 79.4457,
95.7044


■ 44.0438, 61.8775,
93.6278


■ 76.1614, 83.8438,
96.1749

 43.2252, 60.8068,
93.4643


 84.4001, 88.7947,
96.6963

 43.2251, 60.8066,
93.4643

 89.4981, 92.1327,
97.0719

 89.9805, 93.0975,
97.2327

 90.4671, 94.0706,
97.3949

 90.9579, 95.0521,
97.5585

Harmonies

Analogous

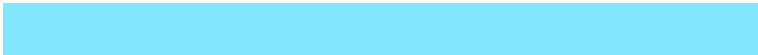
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.2268, 69.3214, 71.6020



53.3350, 69.3214, 94.5737



57.6942, 69.3214, 115.5895

Triad

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



53.3350, 69.3214, 94.5737



78.7091, 69.3214, 102.7409



67.2752, 69.3214, 40.6614

Complementary

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



53.3350, 69.3214, 94.5737



47.9207, 35.9595, 22.5062

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.



74.8229, 69.3214, 45.9217



53.3350, 69.3214, 94.5737



81.7449, 69.3214, 79.4940

Square

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



53.3350, 69.3214, 94.5737



72.2555, 69.3214, 120.9113



80.2704, 69.3214, 59.1451



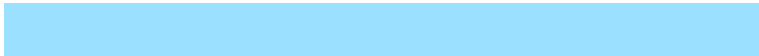
59.9059, 69.3214, 43.1466

Rectangle

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



53.3350, 69.3214, 94.5737



62.0500, 69.3214, 124.1622



80.2704, 69.3214, 59.1451



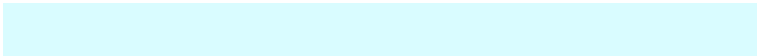
69.8809, 69.3214, 41.5457

Sweetspot

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



53.3371, 69.3241, 94.5753



81.5497, 91.8509, 108.0386



43.4729, 69.1043, 31.1448



17.0951, 19.4388, 23.1010



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.



53.3371, 69.3241, 94.5753



56.1477, 75.2811, 106.1792



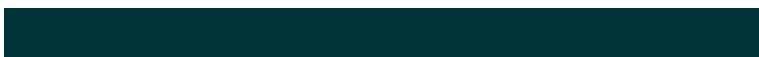
39.3316, 41.3132, 89.9069



16.1527, 17.7395, 20.2943



23.2606, 32.7454, 50.2224



1.9618, 2.7776, 4.1870

Inverse Universe

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



58.3084, 38.4944, 82.2017



62.4555, 37.3484, 90.2128



57.9580, 56.0341, 25.8519



16.4065, 16.0123, 19.6969



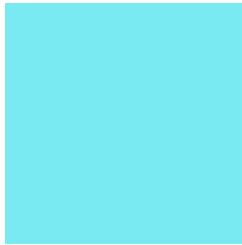
27.0665, 13.0990, 39.8623



2.2652, 1.0951, 3.3873

Previews

White Background



This preview shows how the XYZ color 53.3350, 69.3214, 94.5737 looks on a white background.

Color Contrast Check

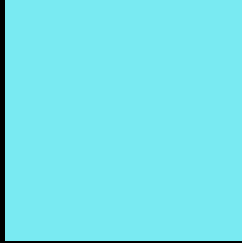
Large Text (above 18pt) WCAG AA × Fail

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 53.3350, 69.3214, 94.5737 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

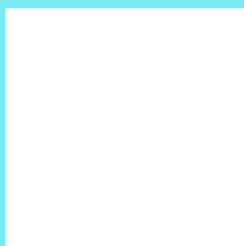
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3350, 69.3214, 94.5737

Background



This preview shows how black text looks on a background with the XYZ color 53.3350, 69.3214, 94.5737.

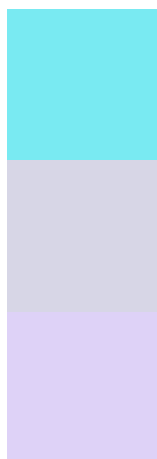


This preview shows how white text looks on a background with the XYZ color 53.3350, 69.3214,

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

53.3350, 69.3214, 94.5737

Protanopia

66.3538, 68.2534, 84.5399

Deuteranopia

69.9593, 68.3382, 97.4990



Tritanopia

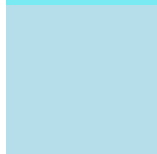
54.8637, 69.5279, 101.7954

Trichromacy



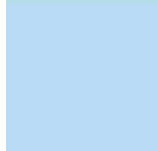
Original Color

53.3350, 69.3214, 94.5737



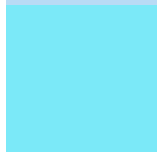
Protanomaly

59.7638, 67.4772, 87.7164



Deuteranomaly

61.8205, 67.5699, 96.1702



Tritanomaly

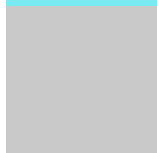
54.2506, 69.2661, 99.3173

Monochromacy



Original Color

53.3350, 69.3214, 94.5737



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.2022, 61.3170, 73.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3350, 69.3214, 94.5737 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(121, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(121, 234, 242)  
}
```

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(121, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 234, 242) }
```

Border

The CSS property to change the border of an element to XYZ 53.3350, 69.3214, 94.5737 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(121, 234, 242) }
```


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

```
.border{ border-color:rgb(121, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(121, 234,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3350, 69.3214, 94.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 234, 242) }
```

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

```
.background{ background-color: rgb(121,  
234, 242) }
```

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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