

Converting Colors

XYZ(60.2927, 92.3114, 92.5860)

Have a look what the booklet for
XYZ(60.2927, 92.3114, 92.5860)
contains.

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Color

**XYZ(53.5918, 78.9970,
90.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	4CFFEA
RGB	76, 255, 234
RGB Percent	30%, 100%, 92%
CMY	0.7019, 0.0000, 0.0823
CMYK	0.70, 0.00, 0.08, 0.00
HSL	173°, 100%, 65%
HSV	173°, 70%, 100%
XYZ	53.5918, 78.9970, 90.2653
YIQ	199.0850, -99.9430, -44.4790

Conversions

Conversions Part 2

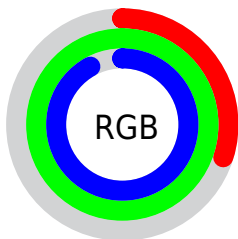
Format	Color
RYB	76, 171, 255
Decimal	5046250
CIELab	91.23, -49.14, -3.00
CIElCh	91, 49.233, 183.490
Yxy	78.9970, 0.2405, 0.3545
Android (android.graphics.Color)	4283236330 (0xFF4CFFEA)
YUV	199.0850, 17.2131, -107.9455
Hunter-Lab	88.8803, -47.9110, 2.0022

Details

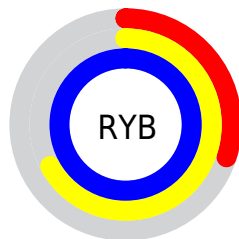
The XYZ color **53.5918, 78.9970, 90.2653** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.9832, 27.2935, 14.1558**, and the grayscale version is **54.2813, 57.1081, 62.1907**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **28.0021, 43.1469, 48.9718** is the 20% darker color. If you saturate the color by 10%, you get **51.5260, 77.9813, 87.9452**, and if you desaturate by 10%, it is **56.4692, 80.4303, 92.6641**.

Distribution



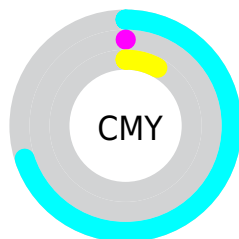
- Red (30%)
- Green (100%)
- Blue (92%)



- Red (30%)
- Yellow (67%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5918, 78.9970, 90.2653 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 53.5918, 78.9970, 90.2653 by changing the saturation by 10% instead.

 53.5918, 78.9970,
90.2653


 53.5918, 78.9970,
90.2653


390.7753,
491.5462, 549.4858


 38.5048, 58.8933,
67.6257


 94.6350, 131.9546,
149.6456


 26.5537, 42.5273,
49.1285


 121.3220,
165.5774, 187.2234

 17.3732, 29.5144,
34.3551


 152.6062,
204.4753, 230.6177

 10.5979, 19.4703,
22.8870

 188.8532,
249.0328, 280.2471

 5.8624, 12.0106,
14.3056

230.4283,
299.6343, 336.5301

 2.8015, 6.7509,
8.1923

277.6967,

 1.0497, 3.3068,

356.6640, 399.8851

4.1287

331.0239,
420.5065, 470.7309

■ 0.0000, 1.2939,
1.6962

■ 0.0000, 0.1365,
0.3581

■ 53.5918, 78.9970,
90.2653

■ 53.5918, 78.9970,
90.2653

■ 51.5260, 77.9813,
87.9452

■ 56.4692, 80.4303,
92.6641

■ 50.1674, 77.3293,
85.6945

■ 60.2398, 82.3232,
95.1413

■ 49.3622, 76.9609,
83.5481

■ 64.9787, 84.7144,
97.7022

■ 70.7520, 87.6380,
100.3498

■ 77.6203, 91.1253,
103.0873

■ 85.6392, 95.2048,
105.9175

94.8607, 99.9035,
108.8428

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



55.5955, 78.9970, 58.8446



53.5918, 78.9970, 90.2653



56.7995, 78.9970, 129.7739

Triad

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



53.5918, 78.9970, 90.2653



89.1167, 78.9970, 156.9891



86.3109, 78.9970, 38.0137

Complementary

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



53.5918, 78.9970, 90.2653



45.9832, 27.2935, 14.1558

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.



96.9241, 78.9970, 53.3970



53.5918, 78.9970, 90.2653



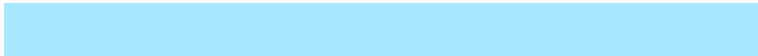
98.6659, 78.9970, 120.4750

Square

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



53.5918, 78.9970, 90.2653



76.5543, 78.9970, 174.4457



101.6690, 78.9970, 81.8989



73.6332, 78.9970, 34.0427

Rectangle

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



53.5918, 78.9970, 90.2653



61.6949, 78.9970, 153.9071



101.6690, 78.9970, 81.8989



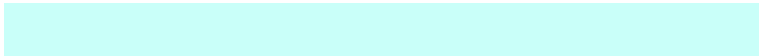
90.2829, 78.9970, 41.7627

Sweetspot

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



53.5928, 78.9975, 90.2668



77.0234, 90.8219, 102.8628



42.3066, 74.7442, 19.0366



16.0616, 19.2239, 21.8536



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.



53.5928, 78.9975, 90.2668



50.9313, 77.6933, 87.0801



39.3087, 45.3116, 101.2820



18.4577, 20.4426, 22.7131



25.8293, 40.2283, 43.8479



2.5398, 3.9268, 4.4003

Inverse Universe

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



45.9832, 27.2935, 14.1558



43.0073, 23.2246, 7.3593



52.1643, 41.0209, 12.0078



18.0960, 18.0217, 19.1228



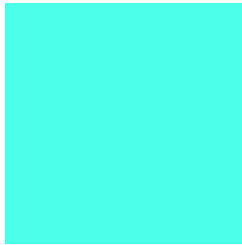
21.6979, 11.1684, 1.7934



2.1391, 1.0980, 0.3140

Previews

White Background



This preview shows how the XYZ color 53.5918, 78.9970, 90.2653 looks on a white background.

Color Contrast Check

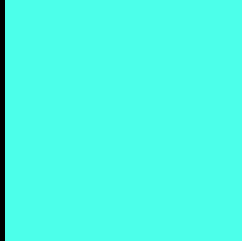
Large Text (above 18pt) WCAG AA × Fail

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 53.5918, 78.9970, 90.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

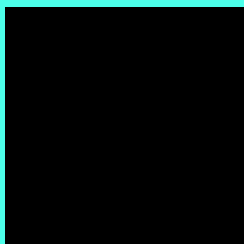
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5918, 78.9970, 90.2653

Background



This preview shows how black text looks on a background with the XYZ color 53.5918, 78.9970, 90.2653.

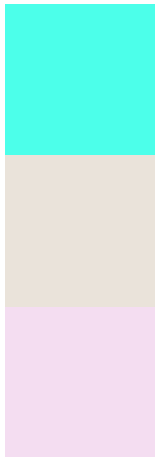


This preview shows how white text looks on a background with the XYZ color 53.5918, 78.9970,

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

53.5918, 78.9970, 90.2653

Protanopia

74.0557, 77.4926, 77.3841

Deuteranopia

79.0419, 77.2969, 93.9729



Tritanopia

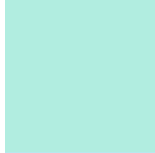
64.7024, 78.4056, 106.3314

Trichromacy



Original Color

53.5918, 78.9970, 90.2653



Protanomaly

61.8702, 75.2973, 81.7939



Deuteranomaly

64.1000, 74.5182, 91.8939



Tritanomaly

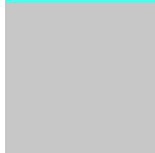
59.4093, 78.0622, 99.9320

Monochromacy



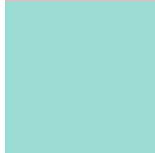
Original Color

53.5918, 78.9970, 90.2653



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

50.5416, 62.2865, 71.6460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5918, 78.9970, 90.2653 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(76, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 234)  
}
```

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(76, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.5918, 78.9970, 90.2653 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(76, 255, 234) }
```


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

```
.border{ border-color:rgb(76, 255, 234) }
```

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

Here you see how a box with a 4 pixel rgb(76, 255, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5918, 78.9970, 90.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 234) }
```

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

```
.background{ background-color: rgb(76, 255,  
234) }
```

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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