

Converting Colors

XYZ(53.5082, 72.9164, 84.7597)

Have a look what the booklet for
XYZ(53.5082, 72.9164, 84.7597)
contains.

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Color

**XYZ(53.6409, 73.1706,
84.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	79F2E4
RGB	121, 242, 228
RGB Percent	47%, 95%, 89%
CMY	0.5255, 0.0510, 0.1059
CMYK	0.50, 0.00, 0.06, 0.05
HSL	173°, 82%, 71%
HSV	173°, 50%, 95%
XYZ	53.6409, 73.1706, 84.6950
YIQ	204.2250, -67.6220, -30.0060

Conversions

Conversions Part 2

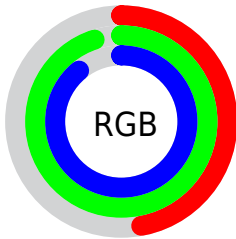
Format	Color
R_{YB}	121, 185, 242
Decimal	7992036
CIE _{Lab}	88.53, -37.36, -3.71
CIE _{LCh}	89, 37.544, 185.674
Yxy	73.1706, 0.2536, 0.3459
Android (android.graphics.Color)	4286182116 (0xFF79F2E4)
YUV	204.2250, 11.7211, -72.9883
Hunter-Lab	85.5398, -37.7597, 1.1734

Details

The XYZ color **53.6409, 73.1706, 84.6950** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.8310, 34.3034, 27.0246**, and the grayscale version is **57.4975, 60.4918, 65.8756**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **26.5227, 38.5558, 45.5793** is the 20% darker color. If you saturate the color by 10%, you get **50.2804, 71.4845, 82.5261**, and if you desaturate by 10%, it is **57.8625, 75.3034, 86.9403**.

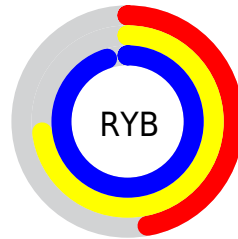
Distribution



Red (47%)

Green (95%)

Blue (89%)



Red (47%)

Yellow (73%)

Blue (95%)

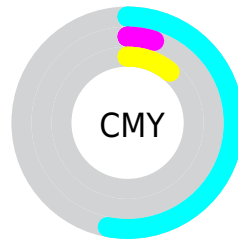


Cyan (50%)

Magenta (0%)

Yellow (6%)

Black (5%)



Cyan (53%)


Magenta (5%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6409, 73.1706, 84.6950 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 53.6409, 73.1706, 84.6950 by changing the saturation by 10% instead.


 53.6409, 73.1706,
84.6950


 53.6409, 73.1706,
84.6950


390.9599,
471.6059, 530.7365


 38.5442, 54.1155,
63.0407


 94.7068, 123.7194,
141.8173

 26.5844, 38.6940,
45.4329


 121.4066,
155.9818, 178.1225

 17.3963, 26.5218,
31.4531


 152.7049,
193.4155, 220.1483

 10.6145, 17.2144,
20.6828

188.9669,
236.4047, 268.3133

 5.8736, 10.3875,
12.7033

230.5581,
285.3340, 323.0361

 2.8083, 5.6566,
7.0963

277.8437,

 1.0532, 2.6374,

340.5877, 384.7352

3.4430

331.1892,
402.5502, 453.8292

0.0000, 0.9455,
1.3251

0.0000, 0.0000,
0.0822

53.6409, 73.1706,
84.6950

53.6409, 73.1706,
84.6950

50.2804, 71.4845,
82.5261

57.8625, 75.3034,
86.9403

47.7097, 70.2031,
80.4252


62.9970, 77.9043,
89.2598


45.8567, 69.2910,
78.3905


69.0995, 81.0035,
91.6578


44.6332, 68.7026,
76.4177

76.2191, 84.6263,
94.1366


 43.8909, 68.3616,
74.4997


 84.4014, 88.7962,
96.6987

 43.8908, 68.3616,
74.4994

 89.4449, 91.3473,
99.1476

 89.8754, 91.5194,
101.4143

 90.3123, 91.6942,
103.7152

 90.7558, 91.8716,
106.0506

Harmonies

Analogous

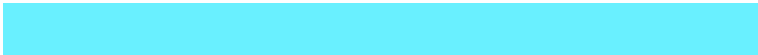
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8768, 73.1706, 60.8695



53.6409, 73.1706, 84.6950



56.3577, 73.1706, 112.3775

Triad

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



53.6409, 73.1706, 84.6950



80.1859, 73.1706, 127.3494



76.9568, 73.1706, 42.3674

Complementary

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



53.6409, 73.1706, 84.6950



47.8310, 34.3034, 27.0246

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.



84.6473, 73.1706, 54.0184



53.6409, 73.1706, 84.6950



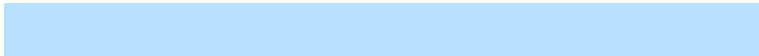
86.6219, 73.1706, 101.9913

Square

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



53.6409, 73.1706, 84.6950



71.2795, 73.1706, 140.1985



88.3211, 73.1706, 74.8485



67.8418, 73.1706, 39.6845

Rectangle

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



53.6409, 73.1706, 84.6950



60.1961, 73.1706, 128.2698



88.3211, 73.1706, 74.8485



79.8182, 73.1706, 45.2193

Sweetspot

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



53.6430, 73.1735, 84.6967



81.6464, 93.1716, 104.5955



45.2161, 70.0482, 29.2283



17.1188, 19.7610, 22.2619



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.



53.6430, 73.1735, 84.6967



56.5686, 80.4764, 92.8987



43.5680, 49.7855, 91.3208



16.1640, 17.8956, 19.8864



23.6106, 36.7363, 40.1938



1.9863, 3.0650, 3.4604

Inverse Universe

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



47.8310, 34.3034, 27.0246



49.3637, 32.1117, 21.2721



53.9607, 48.0384, 24.5191



15.8472, 15.7886, 16.7515



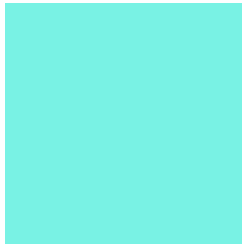
19.8091, 10.1961, 1.6455



1.6720, 0.8579, 0.2639

Previews

White Background



This preview shows how the XYZ color 53.6409, 73.1706, 84.6950 looks on a white background.

Color Contrast Check

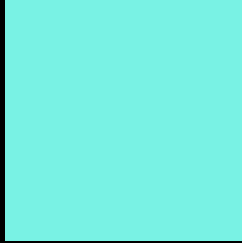
Large Text (above 18pt) WCAG AA × Fail

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 53.6409, 73.1706, 84.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

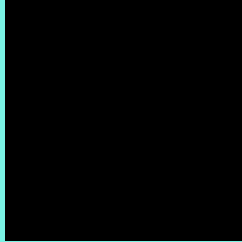
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6409, 73.1706, 84.6950

Background



This preview shows how black text looks on a background with the XYZ color 53.6409, 73.1706, 84.6950.

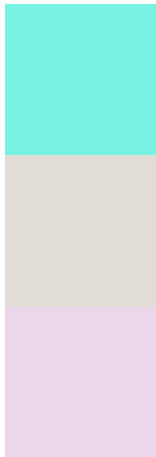


This preview shows how white text looks on a background with the XYZ color 53.6409, 73.1706,

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

53.6409, 73.1706, 84.6950

Protanopia

69.2230, 72.2614, 74.5894

Deuteranopia

73.4899, 71.8665, 87.8402



Tritanopia

58.8154, 73.1916, 105.6352

Trichromacy



Original Color

53.6409, 73.1706, 84.6950



Protanomaly

61.4007, 71.3455, 78.2450



Deuteranomaly

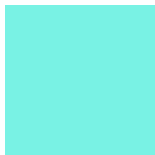
63.4693, 70.6068, 86.6272



Tritanomaly

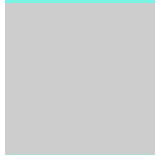
56.8637, 73.2311, 97.5242

Monochromacy



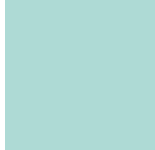
Original Color

53.6409, 73.1706, 84.6950



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.5372, 63.9456, 72.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6409, 73.1706, 84.6950 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, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 228)  
}
```

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, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 228) }
```

Border

The CSS property to change the border of an element to XYZ 53.6409, 73.1706, 84.6950 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, 242, 228) }
```


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

```
.border{ border-color:rgb(121, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6409, 73.1706, 84.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 242, 228) }
```

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

```
.background{ background-color: rgb(121,  
242, 228) }
```

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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