

Converting Colors

XYZ(53.7391, 64.5564, 96.8169)

Have a look what the booklet for
XYZ(53.7391, 64.5564, 96.8169)
contains.

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Color

**XYZ(53.7403, 64.5591,
96.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	8DDEF6
RGB	141, 222, 246
RGB Percent	55%, 87%, 96%
CMY	0.4470, 0.1294, 0.0353
CMYK	0.43, 0.10, 0.00, 0.04
HSL	194°, 85%, 76%
HSV	194°, 43%, 96%
XYZ	53.7403, 64.5591, 96.8175
YIQ	200.5170, -55.9800, -9.7080

Conversions

Conversions Part 2

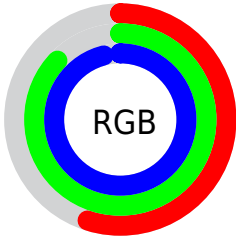
Format	Color
RYB	141, 187, 246
Decimal	9297654
CIELab	84.26, -18.69, -19.47
CIELCh	84, 26.984, 226.170
Yxy	64.5591, 0.2498, 0.3001
Android (android.graphics.Color)	4287487734 (0xFF8DDEF6)
YUV	200.5170, 22.4231, -52.1964
Hunter-Lab	80.3487, -21.2225, -15.1984

Details

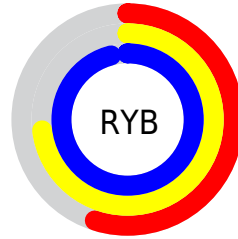
The XYZ color **53.7403, 64.5591, 96.8175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2701, 48.4273, 31.5827**, and the grayscale version is **55.1109, 57.9809, 63.1412**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **26.7691, 33.2400, 53.7203** is the 20% darker color. If you saturate the color by 10%, you get **48.5448, 59.7020, 96.1550**, and if you desaturate by 10%, it is **59.9186, 69.9996, 97.5431**.

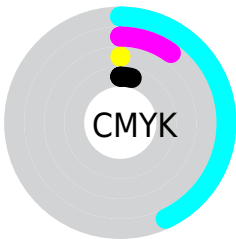
Distribution



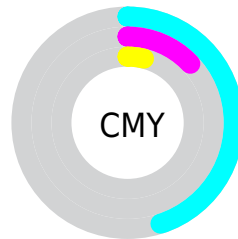
- Red (55%)
- Green (87%)
- Blue (96%)



- Red (55%)
- Yellow (73%)
- Blue (96%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7403, 64.5591, 96.8175 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 53.7403, 64.5591, 96.8175 by changing the saturation by 10% instead.

■ 53.7403, 64.5591,
96.8175

■ 53.7403, 64.5591,
96.8175

391.3335,
441.2059, 571.0996

■ 38.6239, 47.1037,
73.0434

■ 94.8520, 111.4157,
158.7903

■ 26.6467, 33.1176,
53.5194

■ 121.5779,
141.5857, 197.8260

■ 17.4433, 22.2166,
37.8270

152.9045,
176.7627, 242.7861

■ 10.6483, 14.0161,
25.5477

189.1970,
217.3310, 294.0890

■ 5.8964, 8.1319,
16.2628

230.8208,
263.6751, 352.1532

■ 2.8222, 4.1794,
9.5540

278.1412,

■ 1.0605, 1.7744,

316.1793, 417.3974

5.0025

331.5237,
375.2281, 490.2400

■ 0.0000, 0.4712,
2.1900

■ 0.0000, 0.0000,
0.6686

■ 53.7403, 64.5591,
96.8175

■ 53.7403, 64.5591,
96.8175

■ 48.5448, 59.7020,
96.1550

■ 59.9186, 69.9996,
97.5431

■ 44.2633, 55.3879,
95.5479

■ 67.1305, 76.0462,
98.3301

■ 40.8275, 51.5823,
94.9945

■ 75.4306, 82.7291,
99.1826

■ 38.1564, 48.2427,
94.4906

■ 84.8677, 90.0741,
100.1029

■ 36.1519, 45.3178,
94.0317

■ 92.0965, 96.3574,
100.9347

■ 34.9999, 43.3841,
93.7192

■ 93.6348, 99.4339,
101.4475

Harmonies

Analogous

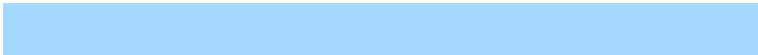
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.9702, 64.5591, 79.8661



53.7403, 64.5591, 96.8175



58.6545, 64.5591, 107.3503

Triad

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



53.7403, 64.5591, 96.8175



73.2136, 64.5591, 78.4606



58.2157, 64.5591, 43.1794

Complementary

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



53.7403, 64.5591, 96.8175



56.2701, 48.4273, 31.5827

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.



64.1505, 64.5591, 42.9285



53.7403, 64.5591, 96.8175



73.0770, 64.5591, 61.5188

Square

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



53.7403, 64.5591, 96.8175



70.0330, 64.5591, 95.6456



69.6712, 64.5591, 49.1193



53.4371, 64.5591, 49.8716

Rectangle

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



53.7403, 64.5591, 96.8175



62.6052, 64.5591, 108.3663



69.6712, 64.5591, 49.1193



60.1343, 64.5591, 42.3811

Sweetspot

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



53.7423, 64.5616, 96.8190



81.5187, 89.5067, 107.5878



50.6201, 74.2469, 46.6686



17.0017, 18.8030, 22.9832



0.0000, 0.0000, 0.0000



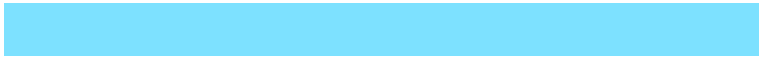
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7423, 64.5616, 96.8190



53.5002, 65.5762, 104.4455



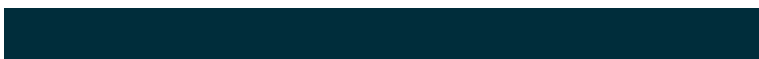
42.1364, 41.3498, 92.9504



16.6568, 18.0779, 21.1540



18.7923, 23.3785, 50.0601



1.7281, 2.2077, 4.4253

Inverse Universe

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



60.7174, 43.9183, 74.3868



62.1956, 41.3659, 76.1384



67.4351, 70.7574, 35.3043



17.0421, 16.6997, 19.9682



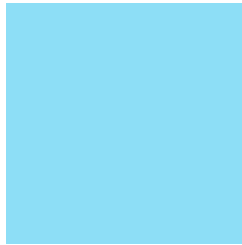
25.2900, 12.4594, 27.2993



2.2613, 1.1105, 2.6026

Previews

White Background



This preview shows how the XYZ color 53.7403, 64.5591, 96.8175 looks on a white background.

Color Contrast Check

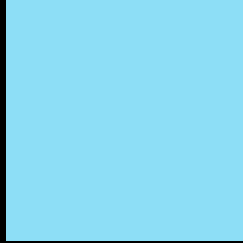
Large Text (above 18pt) WCAG AA × Fail

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 53.7403, 64.5591, 96.8175 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

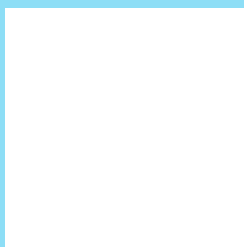
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7403, 64.5591, 96.8175

Background



This preview shows how black text looks on a background with the XYZ color 53.7403, 64.5591, 96.8175.



This preview shows how white text looks on a background with the XYZ color 53.7403, 64.5591,

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

53.7403, 64.5591, 96.8175

Protanopia

63.0188, 64.2053, 89.1922

Deuteranopia

65.4265, 63.7895, 99.3067



Tritanopia

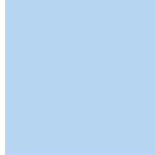
53.0801, 64.7017, 92.9101

Trichromacy



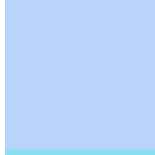
Original Color

53.7403, 64.5591, 96.8175



Protanomaly

58.8138, 63.8249, 91.6577



Deuteranomaly

60.4007, 63.7424, 98.7426



Tritanomaly

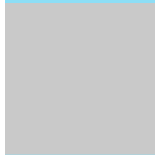
53.3806, 64.8219, 94.4924

Monochromacy



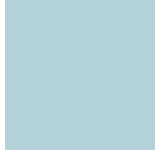
Original Color

53.7403, 64.5591, 96.8175



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.9153, 60.1944, 74.4227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7403, 64.5591, 96.8175 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(141, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(141, 222, 246)  
}
```

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(141, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 222, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.7403, 64.5591, 96.8175 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(141, 222, 246) }
```


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

```
.border{ border-color:rgb(141, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(141, 222,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7403, 64.5591, 96.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 222, 246) }
```

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

```
.background{ background-color: rgb(141,  
222, 246) }
```

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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