

Converting Colors

XYZ(44.5120, 55.9043, 84.8258)

Have a look what the booklet for
XYZ(44.5120, 55.9043, 84.8258)
contains.

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Color

**XYZ(44.4153, 55.7942,
84.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD3E8
RGB	111, 211, 232
RGB Percent	44%, 83%, 91%
CMY	0.5647, 0.1725, 0.0902
CMYK	0.52, 0.09, 0.00, 0.09
HSL	190°, 72%, 67%
HSV	190°, 52%, 91%
XYZ	44.4153, 55.7942, 84.7724
YIQ	183.4940, -66.3410, -14.6690

Conversions

Conversions Part 2

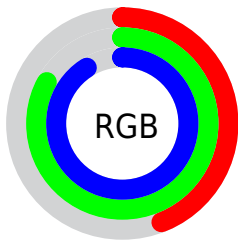
Format	Color
RYB	111, 166, 232
Decimal	7328744
CIELab	79.50, -23.62, -19.34
CIELCh	79, 30.529, 219.312
Yxy	55.7942, 0.2401, 0.3016
Android (android.graphics.Color)	4285518824 (0xFF6FD3E8)
YUV	183.4940, 23.9135, -63.5772
Hunter-Lab	74.6955, -24.5778, -15.0017

Details

The XYZ color **44.4153, 55.7942, 84.7724** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.4005, 34.8075, 19.4190**, and the grayscale version is **45.1814, 47.5344, 51.7649**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **20.8071, 27.4694, 45.2798** is the 20% darker color. If you saturate the color by 10%, you get **40.8791, 52.5060, 84.3251**, and if you desaturate by 10%, it is **48.7380, 59.5275, 85.2662**.

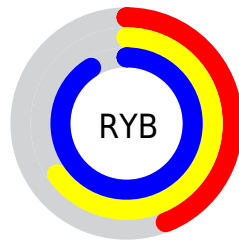
Distribution



Red (44%)

Green (83%)

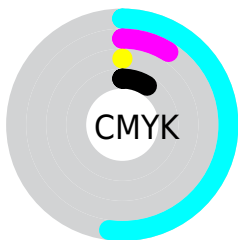
Blue (91%)



Red (44%)

Yellow (65%)

Blue (91%)

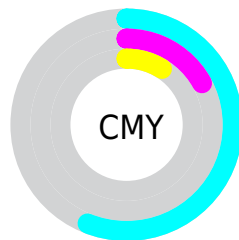


Cyan (52%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4153, 55.7942, 84.7724 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 44.4153, 55.7942, 84.7724 by changing the saturation by 10% instead.

■ 44.4153, 55.7942,
84.7724

■ 44.4153, 55.7942,
84.7724

355.2240,
408.9155, 530.9996

■ 31.1964, 40.0379,
63.1043

■ 81.0848, 98.7036,
141.9265

■ 20.9010, 27.5681,
45.4840

■ 105.2661,
126.6256, 178.2495

■ 13.1637, 18.0004,
31.4931

■ 133.8323,
159.3715, 220.2946

■ 7.6192, 10.9502,
20.7130

167.1488,
197.3259, 268.4802

■ 3.9020, 6.0334,
12.7252

205.5808,
240.8731, 323.2250

■ 1.6468, 2.8654,
7.1111

249.4938,

■ 0.4226, 1.0619,

290.3975, 384.9475

3.4522

299.2531,
346.2835, 454.0662

■ 0.0000, 0.0000,
1.3299

■ 0.0000, 0.0000,
0.0861

■ 44.4153, 55.7942,
84.7724

■ 44.4153, 55.7942,
84.7724

■ 40.8791, 52.5060,
84.3251

■ 48.7380, 59.5275,
85.2662

■ 38.0639, 49.6253,
83.9174

■ 53.8958, 63.7274,
85.8050

■ 35.9024, 47.1182,
83.5474

■ 59.9391, 68.4217,
86.3926

■ 34.3113, 44.9415,
83.2112

■ 66.9132, 73.6337,
87.0310

■ 33.3580, 43.4109,
82.9660

■ 74.8599, 79.3854,
87.7224

■ 83.8185, 85.6973,
88.4685

■ 86.7270, 88.9289,
88.9390

■ 87.9202, 91.3152,
89.3367

■ 89.1398, 93.7545,
89.7432

Harmonies

Analogous

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



42.2183, 55.7942, 66.3838



44.4153, 55.7942, 84.7724



48.9705, 55.7942, 98.1643

Triad

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



44.4153, 55.7942, 84.7724



64.8527, 55.7942, 73.4878



51.1444, 55.7942, 33.1328

Complementary

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



44.4153, 55.7942, 84.7724



44.4005, 34.8075, 19.4190

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.



57.3094, 55.7942, 34.3037



44.4153, 55.7942, 84.7724



65.5475, 55.7942, 55.4451

Square

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



44.4153, 55.7942, 84.7724



60.8628, 55.7942, 90.8261



62.6939, 55.7942, 41.7581



45.9012, 55.7942, 38.1763

Rectangle

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



44.4153, 55.7942, 84.7724



52.8891, 55.7942, 101.1922



62.6939, 55.7942, 41.7581



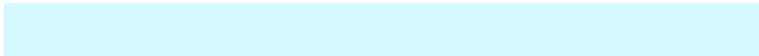
53.1726, 55.7942, 32.8381

Sweetspot

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



44.4170, 55.7963, 84.7737



79.3826, 88.6315, 107.5314



39.5217, 62.7373, 31.5603



16.6083, 18.6847, 22.9811



0.0000, 0.0000, 0.0000



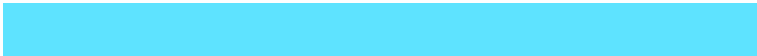
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4170, 55.7963, 84.7737



50.2040, 64.6221, 104.4350



32.2430, 31.4482, 80.7157



14.5835, 15.8884, 18.4425



18.6013, 24.2647, 46.0863



1.4308, 1.9055, 3.4244

Inverse Universe

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



50.7225, 33.2295, 65.3707



59.1556, 34.8805, 76.3747



54.9259, 55.8582, 22.9274



14.8821, 14.5700, 17.5795



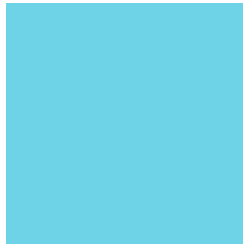
23.7826, 11.6473, 28.8138



1.7858, 0.8720, 2.2787

Previews

White Background



This preview shows how the XYZ color 44.4153, 55.7942, 84.7724 looks on a white background.

Color Contrast Check

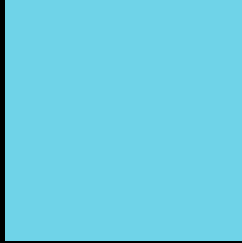
Large Text (above 18pt) WCAG AA × Fail

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 44.4153, 55.7942, 84.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

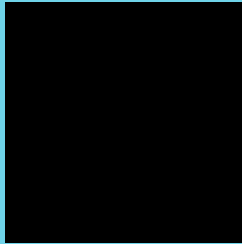
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4153, 55.7942, 84.7724

Background



This preview shows how black text looks on a background with the XYZ color 44.4153, 55.7942, 84.7724.



This preview shows how white text looks on a background with the XYZ color 44.4153, 55.7942,

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

44.4153, 55.7942, 84.7724

Protanopia

54.0812, 55.0105, 76.1743

Deuteranopia

56.2768, 54.9198, 86.9914



Tritanopia

44.1167, 56.0591, 82.6240

Trichromacy



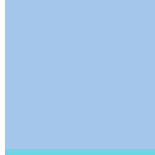
Original Color

44.4153, 55.7942, 84.7724



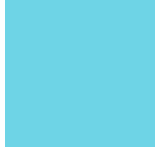
Protanomaly

49.3491, 54.5313, 79.1588



Deuteranomaly

50.4993, 54.2788, 86.4125



Tritanomaly

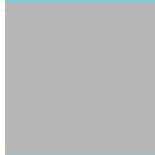
44.2568, 56.1151, 83.3616

Monochromacy



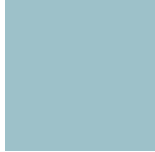
Original Color

44.4153, 55.7942, 84.7724



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.5172, 49.5251, 62.5240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4153, 55.7942, 84.7724 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(111, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(111, 211, 232)  
}
```

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(111, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 211, 232) }
```

Border

The CSS property to change the border of an element to XYZ 44.4153, 55.7942, 84.7724 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(111, 211, 232) }
```


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

```
.border{ border-color:rgb(111, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(111, 211,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4153, 55.7942, 84.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 211, 232) }
```

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

```
.background{ background-color: rgb(111,  
211, 232) }
```

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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