

Converting Colors

XYZ(44.8246, 53.7939, 84.0387)

Have a look what the booklet for
XYZ(44.8246, 53.7939, 84.0387)
contains.

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Color

**XYZ(44.8543, 53.8488,
84.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCDE8
RGB	125, 205, 232
RGB Percent	49%, 80%, 91%
CMY	0.5098, 0.1961, 0.0902
CMYK	0.46, 0.12, 0.00, 0.09
HSL	195°, 70%, 70%
HSV	195°, 46%, 91%
XYZ	44.8543, 53.8488, 84.3737
YIQ	184.1580, -56.3470, -8.5630

Conversions

Conversions Part 2

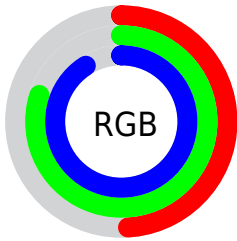
Format	Color
RYB	125, 171, 232
Decimal	8244712
CIELab	78.37, -17.51, -20.99
CIELCh	78, 27.330, 230.170
Yxy	53.8488, 0.2450, 0.2941
Android (android.graphics.Color)	4286434792 (0xFF7DCDE8)
YUV	184.1580, 23.5861, -51.8816
Hunter-Lab	73.3817, -19.3106, -16.8039

Details

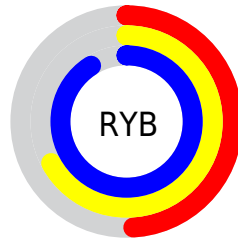
The XYZ color **44.8543, 53.8488, 84.3737** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.2099, 41.0944, 24.7949**, and the grayscale version is **45.5448, 47.9167, 52.1813**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **21.2178, 26.4611, 45.0635** is the 20% darker color. If you saturate the color by 10%, you get **40.4809, 49.5552, 83.7764**, and if you desaturate by 10%, it is **50.0744, 58.6590, 85.0280**.

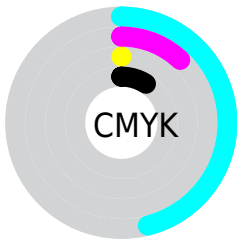
Distribution



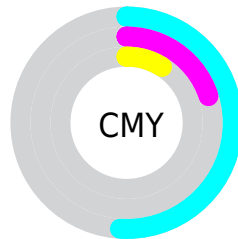
- Red (49%)
- Green (80%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8543, 53.8488, 84.3737 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 44.8543, 53.8488, 84.3737 by changing the saturation by 10% instead.

■ 44.8543, 53.8488,
84.3737

■ 44.8543, 53.8488,
84.3737

356.9768,
401.5332, 529.6438

■ 31.5435, 38.4808,
62.7768

■ 81.7401, 95.8522,
141.3642

■ 21.1669, 26.3561,
45.2209

■ 106.0459,
123.2564, 177.5949

■ 13.3592, 17.0902,
31.2872

■ 134.7473,
155.4414, 219.5407

■ 7.7551, 10.2988,
20.5574

168.2097,
192.7917, 267.6200

■ 3.9891, 5.5975,
12.6127

206.7985,
235.6916, 322.2514

■ 1.6960, 2.6019,
7.0349

250.8790,

■ 0.4537, 0.9276,

284.5256, 383.8535

3.4051

300.8167,
339.6780, 452.8448

■ 0.0000, 0.0000,
1.3050

■ 0.0000, 0.0000,
0.0659

■ 44.8543, 53.8488,
84.3737

■ 44.8543, 53.8488,
84.3737

■ 40.4809, 49.5552,
83.7764

■ 50.0744, 58.6590,
85.0280

■ 36.8927, 45.7422,
83.2296


■ 56.1872, 64.0068,
85.7381


■ 34.0276, 42.3781,
82.7312


■ 63.2413, 69.9193,
86.5075


■ 31.8112, 39.4237,
82.2778


■ 71.2800, 76.4196,
87.3385


 30.1515, 36.8305,
81.8647


 80.3440, 83.5295,
88.2331

 29.5978, 35.8905,
81.7125

 87.0033, 89.4815,
89.0310

 88.7558, 92.9865,
89.6151

 90.5644, 96.6038,
90.2180

 91.5657, 98.6063,
90.5518

Harmonies

Analogous

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



42.0960, 53.8488, 69.4210



44.8543, 53.8488, 84.3737



49.4406, 53.8488, 92.8271

Triad

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



44.8543, 53.8488, 84.3737



62.0342, 53.8488, 63.8222



47.7063, 53.8488, 35.0420

Complementary

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



44.8543, 53.8488, 84.3737



48.2099, 41.0944, 24.7949

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.



52.9632, 53.8488, 34.0732



44.8543, 53.8488, 84.3737



61.4888, 53.8488, 49.0235

Square

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



44.8543, 53.8488, 84.3737



59.5198, 53.8488, 79.6649



58.0777, 53.8488, 38.7440



43.6611, 53.8488, 41.6713

Rectangle

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



44.8543, 53.8488, 84.3737



53.0249, 53.8488, 92.7857



58.0777, 53.8488, 38.7440



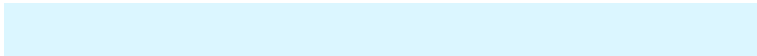
49.3816, 53.8488, 34.0944

Sweetspot

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



44.8560, 53.8509, 84.3750



80.3071, 88.2333, 107.4058



42.9626, 64.3333, 39.7536



16.7498, 18.5255, 22.9429



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.



44.8560, 53.8509, 84.3750



50.5786, 61.8304, 103.8764



34.2123, 32.5634, 80.8271



14.4834, 15.6882, 18.4091



16.5368, 20.1357, 45.3982



1.2949, 1.6337, 3.3790

Inverse Universe

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



51.6333, 36.2325, 62.0319



60.2091, 38.6112, 71.7198



58.8729, 62.4203, 28.3492



14.8316, 14.5498, 17.3135



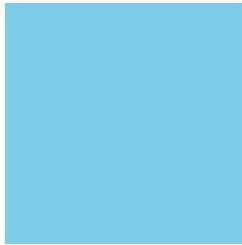
22.7405, 11.2304, 23.3263



1.7172, 0.8446, 1.9174

Previews

White Background



This preview shows how the XYZ color 44.8543, 53.8488, 84.3737 looks on a white background.

Color Contrast Check

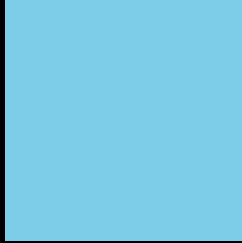
Large Text (above 18pt) WCAG AA × Fail

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 44.8543, 53.8488, 84.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

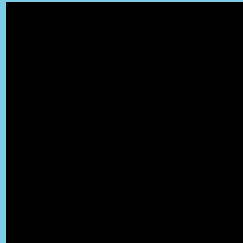
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8543, 53.8488, 84.3737

Background



This preview shows how black text looks on a background with the XYZ color 44.8543, 53.8488, 84.3737.



This preview shows how white text looks on a background with the XYZ color 44.8543, 53.8488,

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

44.8543, 53.8488, 84.3737

Protanopia

52.4436, 53.1541, 77.3077

Deuteranopia

54.4282, 53.3405, 86.0243



Tritanopia

43.4166, 53.6079, 77.8711

Trichromacy



Original Color

44.8543, 53.8488, 84.3737

Protanomaly

48.7772, 52.8634, 79.5843

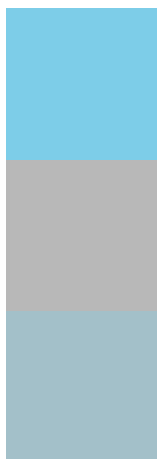
Deuteranomaly

50.0923, 53.0777, 85.4468

Tritanomaly

43.9672, 53.8446, 80.0272

Monochromacy



Original Color

44.8543, 53.8488, 84.3737

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4965, 49.7029, 62.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8543, 53.8488, 84.3737 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(125, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(125, 205, 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(125, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 205, 232) }
```

Border

The CSS property to change the border of an element to XYZ 44.8543, 53.8488, 84.3737 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(125, 205, 232) }
```


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

```
.border{ border-color:rgb(125, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(125, 205,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8543, 53.8488, 84.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 205, 232) }
```

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

```
.background{ background-color: rgb(125,  
205, 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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