

Converting Colors

XYZ(44.7140, 53.9514, 76.4636)

Have a look what the booklet for
XYZ(44.7140, 53.9514, 76.4636)
contains.

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Color

**XYZ(44.7140, 53.9514,
76.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	86CDDD
RGB	134, 205, 221
RGB Percent	53%, 80%, 87%
CMY	0.4745, 0.1961, 0.1333
CMYK	0.39, 0.07, 0.00, 0.13
HSL	191°, 56%, 70%
HSV	191°, 39%, 87%
XYZ	44.7140, 53.9514, 76.4636
YIQ	185.5950, -47.4520, -10.0760

Conversions

Conversions Part 2

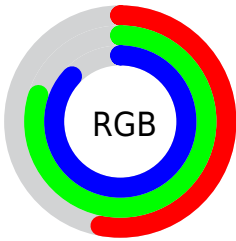
Format	Color
RYB	134, 173, 221
Decimal	8834525
CIELab	78.43, -18.17, -14.96
CIELCh	78, 23.533, 219.457
Yxy	53.9514, 0.2553, 0.3081
Android (android.graphics.Color)	4287024605 (0xFF86CDDD)
YUV	185.5950, 17.4547, -45.2488
Hunter-Lab	73.4516, -19.8777, -10.3051

Details

The XYZ color **44.7140, 53.9514, 76.4636** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0292, 38.9070, 27.6923**, and the grayscale version is **46.3716, 48.7866, 53.1286**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **21.1740, 26.5487, 40.0848** is the 20% darker color. If you saturate the color by 10%, you get **40.5937, 50.4041, 75.9970**, and if you desaturate by 10%, it is **49.5988, 57.9329, 76.9756**.

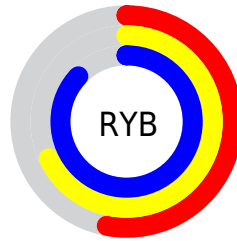
Distribution



Red (53%)

Green (80%)

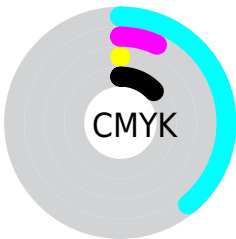
Blue (87%)



Red (53%)

Yellow (68%)

Blue (87%)

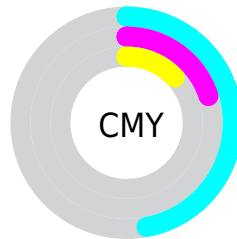


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7140, 53.9514, 76.4636 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 44.7140, 53.9514, 76.4636 by changing the saturation by 10% instead.

■ 44.7140, 53.9514,
76.4636

■ 44.7140, 53.9514,
76.4636

356.4172,
401.9247, 502.3222

■ 31.4325, 38.5628,
56.3038

■ 81.5308, 96.0029,
130.1481

■ 21.0819, 26.4198,
40.0409

■ 105.7968,
123.4346, 164.5099

■ 13.2967, 17.1380,
27.2564

■ 134.4551,
155.6494, 204.4428

■ 7.7116, 10.3329,
17.5318

167.8709,
193.0318, 250.3653

■ 3.9612, 5.6202,
10.4484

206.4097,
235.9661, 302.6959

■ 1.6802, 2.6156,
5.5878

250.4368,

■ 0.4438, 0.9345,

284.8368, 361.8533

2.5314

300.3175,
340.0281, 428.2559

■ 0.0000, 0.0000,
0.8567

■ 0.0000, 0.0000,
0.0000

■ 44.7140, 53.9514,
76.4636

■ 44.7140, 53.9514,
76.4636

■ 40.5937, 50.4041,
75.9970

■ 49.5988, 57.9329,
76.9756

■ 37.1867, 47.2604,
75.5698

■ 55.2857, 62.3644,
77.5312

■ 34.4429, 44.4955,
75.1807

■ 61.8154, 67.2684,
78.1336

■ 32.3036, 42.0789,
74.8270

■ 69.2246, 72.6641,
78.7846

■ 30.6992, 39.9744,
74.5054

■ 77.5477, 78.5695,
79.4858

■ 29.5155, 38.1228,
74.2104

■ 82.4179, 82.7338,
80.0329

■ 29.4457, 38.0092,
74.1921

■ 83.5582, 85.0142,
80.4130

■ 84.7249, 87.3478,
80.8019

■ 85.9184, 89.7346,
81.1997

Harmonies

Analogous

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



42.9968, 53.9514, 63.0292



44.7140, 53.9514, 76.4636



48.2210, 53.9514, 85.9700

Triad

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



44.7140, 53.9514, 76.4636



60.0667, 53.9514, 68.1434



49.8317, 53.9514, 37.0301

Complementary

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



44.7140, 53.9514, 76.4636



45.0292, 38.9070, 27.6923

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.



54.4640, 53.9514, 37.9744



44.7140, 53.9514, 76.4636



60.5622, 53.9514, 54.6574

Square

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



44.7140, 53.9514, 76.4636



57.1415, 53.9514, 80.6874



58.4575, 53.9514, 43.9979



45.8322, 53.9514, 41.1900

Rectangle

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



44.7140, 53.9514, 76.4636



51.1949, 53.9514, 88.0734



58.4575, 53.9514, 43.9979



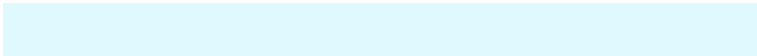
51.3636, 53.9514, 36.7770

Sweetspot

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



44.7156, 53.9535, 76.4649



82.9057, 91.1135, 107.8248



41.1903, 58.9828, 38.0484



17.4853, 19.3079, 23.0552



0.0000, 0.0000, 0.0000



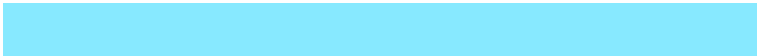
20.3446, 21.4041, 23.3091

Same Dimension

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



44.7156, 53.9535, 76.4649



57.1937, 70.6390, 105.2280



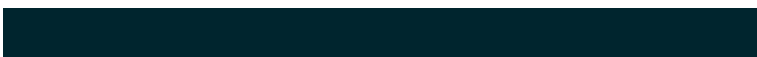
35.7253, 35.9727, 73.4681



13.2307, 14.4011, 16.7345



17.1824, 22.2342, 43.1244



1.1671, 1.5484, 2.8118

Inverse Universe

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



49.3647, 36.8316, 62.2672



64.6273, 44.5108, 82.2467



53.2927, 55.4339, 30.4467



13.5063, 13.2316, 15.9274



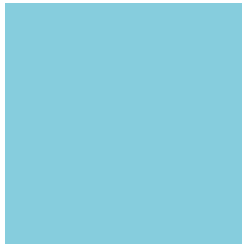
22.1682, 10.8683, 26.3295



1.4634, 0.7150, 1.8492

Previews

White Background



This preview shows how the XYZ color 44.7140, 53.9514, 76.4636 looks on a white background.

Color Contrast Check

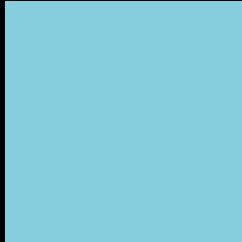
Large Text (above 18pt) WCAG AA × Fail

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 44.7140, 53.9514, 76.4636 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 44.7140, 53.9514, 76.4636

Background



This preview shows how black text looks on a background with the XYZ color 44.7140, 53.9514, 76.4636.



This preview shows how white text looks on a background with the XYZ color 44.7140, 53.9514,

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

44.7140, 53.9514, 76.4636

Protanopia

52.3457, 53.5797, 70.5338

Deuteranopia

54.5998, 53.2730, 78.6392



Tritanopia

44.7140, 53.9514, 76.4636

Trichromacy



Original Color

44.7140, 53.9514, 76.4636

Protanomaly

48.9385, 53.4364, 72.7007

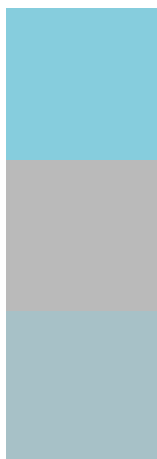
Deuteranomaly

50.2019, 52.9641, 78.0982

Tritanomaly

44.7140, 53.9514, 76.4636

Monochromacy



Original Color

44.7140, 53.9514, 76.4636

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3151, 50.4789, 61.3879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7140, 53.9514, 76.4636 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(134, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(134, 205, 221)  
}
```

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(134, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 205, 221) }
```

Border

The CSS property to change the border of an element to XYZ 44.7140, 53.9514, 76.4636 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(134, 205, 221) }
```


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

```
.border{ border-color:rgb(134, 205, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 205, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(134, 205,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7140, 53.9514, 76.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 205, 221) }
```

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

```
.background{ background-color: rgb(134,  
205, 221) }
```

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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