

Converting Colors

XYZ(45.4095, 54.6508, 77.2626)

Have a look what the booklet for
XYZ(45.4095, 54.6508, 77.2626)
contains.

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Color

**XYZ(45.4095, 54.6508,
77.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	88CEDE
RGB	136, 206, 222
RGB Percent	53%, 81%, 87%
CMY	0.4667, 0.1921, 0.1294
CMYK	0.39, 0.07, 0.00, 0.13
HSL	191°, 57%, 70%
HSV	191°, 39%, 87%
XYZ	45.4095, 54.6508, 77.2626
YIQ	186.8940, -46.8560, -9.8640

Conversions

Conversions Part 2

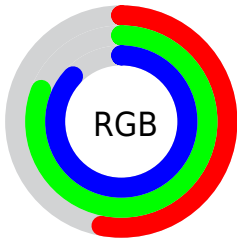
Format	Color
R _{YB}	136, 175, 222
Decimal	8965854
CIE Lab	78.84, -17.92, -14.87
CIE LCh	79, 23.284, 219.696
Yxy	54.6508, 0.2561, 0.3082
Android (android.graphics.Color)	4287155934 (0xFF88CEDE)
YUV	186.8940, 17.3073, -44.6340
Hunter-Lab	73.9262, -19.7264, -10.2175

Details

The XYZ color **45.4095, 54.6508, 77.2626** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7974, 39.7645, 28.5556**, and the grayscale version is **47.1002, 49.5531, 53.9633**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **21.5966, 26.9958, 40.6317** is the 20% darker color. If you saturate the color by 10%, you get **41.1899, 51.0201, 76.7852**, and if you desaturate by 10%, it is **50.4053, 58.7229, 77.7862**.

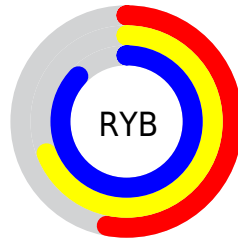
Distribution



Red (53%)

Green (81%)

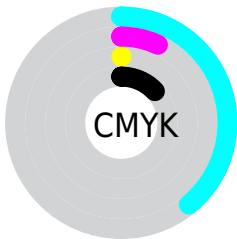
Blue (87%)



Red (53%)

Yellow (69%)

Blue (87%)

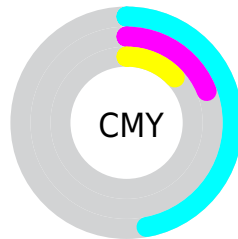


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4095, 54.6508, 77.2626 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 45.4095, 54.6508, 77.2626 by changing the saturation by 10% instead.

■ 45.4095, 54.6508,
77.2626

■ 45.4095, 54.6508,
77.2626

■ 359.1854,
404.5869, 505.1203

■ 31.9827, 39.1222,
56.9556

■ 82.5679, 97.0291,
131.2865

■ 21.5038, 26.8548,
40.5605

■ 107.0302,
124.6477, 165.8405

■ 13.6073, 17.4642,
27.6587

■ 135.9017,
157.0650, 205.9805

■ 7.9279, 10.5660,
17.8317

■ 169.5479,
194.6654, 252.1251

■ 4.1003, 5.7758,
10.6611

■ 208.3339,
237.8335, 304.6928

■ 1.7590, 2.7093,
5.7281

■ 252.6253,

■ 0.4928, 0.9819,

286.9535, 364.1023

2.6144

302.7873,
342.4098, 430.7719

■ 0.0000, 0.0000,
0.8999

■ 0.0000, 0.0000,
0.0000

■ 45.4095, 54.6508,
77.2626

■ 45.4095, 54.6508,
77.2626

■ 41.1899, 51.0201,
76.7852

■ 50.4053, 58.7229,
77.7862

■ 37.6948, 47.8002,
76.3479

■ 56.2149, 63.2524,
78.3543

■ 34.8740, 44.9661,
75.9495

■ 62.8794, 68.2619,
78.9700

■ 32.6687, 42.4871,
75.5872

■ 70.4358, 73.7709,
79.6351

■ 31.0092, 40.3272,
75.2578

■ 78.9186, 79.7973,
80.3512

■ 29.7897, 38.4313,
74.9561

■ 82.9401, 83.5641,
80.8663

■ 29.6486, 38.2012,
74.9192

■ 84.1082, 85.9004,
81.2557

■ 85.3038, 88.2916,
81.6542

■ 86.5271, 90.7381,
82.0620

Harmonies

Analogous

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



43.6770, 54.6508, 63.8901



45.4095, 54.6508, 77.2626



48.9245, 54.6508, 86.6709

Triad

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



45.4095, 54.6508, 77.2626



60.7208, 54.6508, 68.7690



50.4634, 54.6508, 37.8014

Complementary

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



45.4095, 54.6508, 77.2626



45.7974, 39.7645, 28.5556

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.



55.0851, 54.6508, 38.7074



45.4095, 54.6508, 77.2626



61.1933, 54.6508, 55.3261

Square

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



45.4095, 54.6508, 77.2626



57.8218, 54.6508, 81.2854



59.0770, 54.6508, 44.7015



46.4786, 54.6508, 42.0113

Rectangle

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



45.4095, 54.6508, 77.2626



51.8969, 54.6508, 88.7157



59.0770, 54.6508, 44.7015



51.9910, 54.6508, 37.5340

Sweetspot

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



45.4112, 54.6529, 77.2639



82.8854, 91.0730, 107.8181



41.9243, 59.7373, 38.9280



17.4805, 19.2983, 23.0536



0.0000, 0.0000, 0.0000



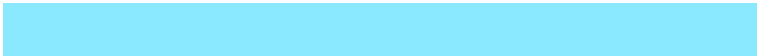
20.3446, 21.4041, 23.3091

Same Dimension

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



45.4112, 54.6529, 77.2639



57.6713, 70.9770, 105.2681



36.4782, 36.7870, 74.2862



13.8885, 15.1161, 17.5734



17.6869, 22.8433, 44.5254



1.2828, 1.6970, 3.1052

Inverse Universe

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



50.0704, 37.5957, 63.0125



65.0191, 45.2444, 82.5312



54.0322, 56.2342, 31.3005



14.1799, 13.8896, 16.7177



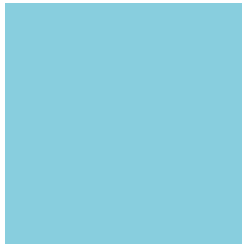
22.8677, 11.2141, 27.0328



1.6138, 0.7888, 2.0248

Previews

White Background



This preview shows how the XYZ color 45.4095, 54.6508, 77.2626 looks on a white background.

Color Contrast Check

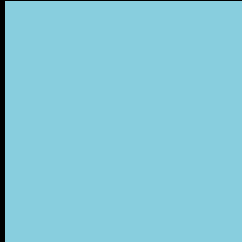
Large Text (above 18pt) WCAG AA × Fail

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 45.4095, 54.6508, 77.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

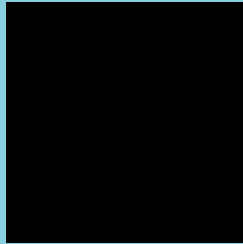
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4095, 54.6508, 77.2626

Background



This preview shows how black text looks on a background with the XYZ color 45.4095, 54.6508, 77.2626.



This preview shows how white text looks on a background with the XYZ color 45.4095, 54.6508,

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

45.4095, 54.6508, 77.2626

Protanopia

52.9458, 54.2014, 71.2897

Deuteranopia

55.2928, 54.2689, 78.7949



Tritanopia

45.4095, 54.6508, 77.2626

Trichromacy



Original Color

45.4095, 54.6508, 77.2626

Protanomaly

49.7317, 54.1686, 73.4801

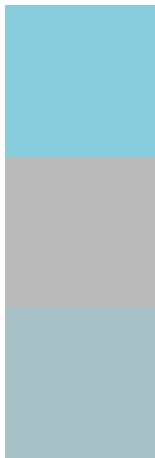
Deuteranomaly

50.8737, 53.9756, 78.2580

Tritanomaly

45.4095, 54.6508, 77.2626

Monochromacy



Original Color

45.4095, 54.6508, 77.2626

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.8656, 51.0785, 62.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4095, 54.6508, 77.2626 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(136, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(136, 206, 222)  
}
```

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(136, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 206, 222) }
```

Border

The CSS property to change the border of an element to XYZ 45.4095, 54.6508, 77.2626 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(136, 206, 222) }
```


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

```
.border{ border-color:rgb(136, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(136, 206,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4095, 54.6508, 77.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 206, 222) }
```

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

```
.background{ background-color: rgb(136,  
206, 222) }
```

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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