

Converting Colors

XYZ(66.0440, 75.2786, 84.8641)

Have a look what the booklet for
XYZ(66.0440, 75.2786, 84.8641)
contains.

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Color

**XYZ(66.0254, 75.2407,
85.1717)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E8E5
RGB	197, 232, 229
RGB Percent	77%, 91%, 90%
CMY	0.2274, 0.0902, 0.1020
CMYK	0.15, 0.00, 0.01, 0.09
HSL	175°, 43%, 84%
HSV	175°, 15%, 91%
XYZ	66.0254, 75.2407, 85.1717
YIQ	221.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

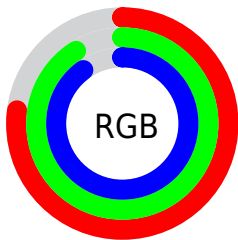
Format	Color
RYB	197, 215, 232
Decimal	12970213
CIELab	89.51, -11.95, -2.37
CIELCh	90, 12.179, 191.233
Yxy	75.2407, 0.2916, 0.3323
Android (android.graphics.Color)	4291160293 (0xFFC5E8E5)
YUV	221.1930, 3.8489, -21.2173
Hunter-Lab	86.7414, -15.9277, 2.5019

Details

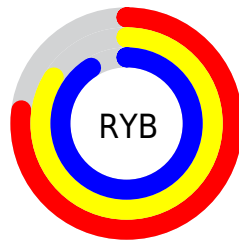
The XYZ color **66.0254, 75.2407, 85.1717** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6730, 61.2604, 63.1154**, and the grayscale version is **68.8483, 72.4338, 78.8804**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **34.4930, 39.9463, 45.9368** is the 20% darker color. If you saturate the color by 10%, you get **60.1360, 72.2386, 83.4549**, and if you desaturate by 10%, it is **72.8572, 78.7324, 86.9524**.

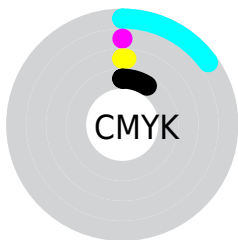
Distribution



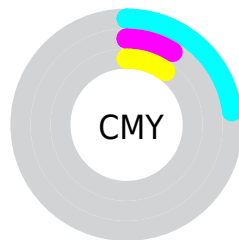
- Red (77%)
- Green (91%)
- Blue (90%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0254, 75.2407, 85.1717 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 66.0254, 75.2407, 85.1717 by changing the saturation by 10% instead.

■ 66.0254, 75.2407,
85.1717

■ 66.0254, 75.2407,
85.1717

435.9549,
478.7445, 532.3554

■ 48.5608, 55.8101,
63.4323

112.5803,
126.6530, 142.4893

■ 34.4843, 40.0507,
45.7478

142.4013,
159.4035, 178.9046

■ 23.4306, 27.5781,
31.6996

177.0719,
197.3628, 221.0490

■ 15.0342, 18.0078,
20.8692

216.9573,
240.9153, 269.3410

■ 8.9299, 10.9556,
12.8381

262.4230,
290.4452, 324.1990

■ 4.7522, 6.0370,
7.1878

313.8342,

■ 2.1359, 2.8676,

346.3372, 386.0418

3.4996

371.5564,
408.9755, 455.2877

0.7086, 1.0630,
1.3550

0.0000, 0.0000,
0.1063

66.0254, 75.2407,
85.1717

66.0254, 75.2407,
85.1717

60.1360, 72.2386,
83.4549

72.8572, 78.7324,
86.9524

55.1399, 69.6946,
81.7948

80.6649, 82.7247,
88.7940

50.9934, 67.5882,
80.1911

85.0896, 84.9726,
90.4939

47.6465, 65.8936,
78.6413

85.3788, 85.0883,
92.0172

■ 45.0438, 64.5823,
77.1427

■ 85.6713, 85.2053,
93.5574

■ 43.1231, 63.6223,
75.6924

■ 85.9671, 85.3236,
95.1147

■ 41.8119, 62.9761,
74.2869

■ 86.2661, 85.4432,
96.6891

■ 41.0213, 62.5979,
72.9220

■ 86.5683, 85.5641,
98.2807

■ 40.7541, 62.4744,
72.2631

■ 86.8738, 85.6863,
99.8895

Harmonies

Analogous

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



66.2108, 75.2407, 76.7439



66.0254, 75.2407, 85.1717



67.2797, 75.2407, 93.2555

Triad

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



66.0254, 75.2407, 85.1717



75.3682, 75.2407, 94.9321



73.3784, 75.2407, 67.3114

Complementary

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



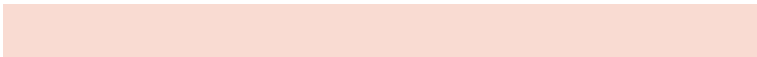
66.0254, 75.2407, 85.1717



63.6730, 61.2604, 63.1154

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.



75.9224, 75.2407, 71.5503



66.0254, 75.2407, 85.1717



77.0931, 75.2407, 87.3328

Square

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



66.0254, 75.2407, 85.1717



72.6391, 75.2407, 99.1466



77.2987, 75.2407, 78.7606



70.4006, 75.2407, 66.8217

Rectangle

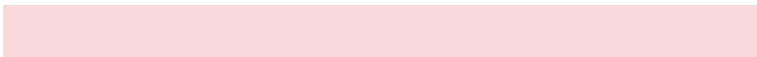
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0254, 75.2407, 85.1717



68.7845, 75.2407, 97.2111



77.2987, 75.2407, 78.7606



74.3148, 75.2407, 68.3305

Sweetspot

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



66.0276, 75.2438, 85.1734



90.3382, 97.5913, 107.7627



62.8901, 74.0960, 63.8118



19.1996, 20.8188, 23.0318



0.0000, 0.0000, 0.0000



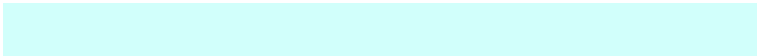
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0276, 75.2438, 85.1734



79.5051, 92.0588, 104.8965



62.6650, 67.8418, 86.1396



14.7513, 16.3139, 18.2211



22.6474, 34.6911, 40.2393



1.6894, 2.5699, 3.0567

Inverse Universe

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



63.6730, 61.2604, 63.1154



76.0801, 71.7161, 72.8091



66.6536, 67.7780, 62.3940



14.4269, 14.3880, 15.1827



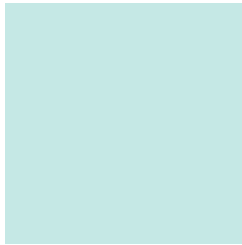
18.5635, 9.5596, 1.3306



1.3892, 0.7134, 0.1901

Previews

White Background



This preview shows how the XYZ color 66.0254, 75.2407, 85.1717 looks on a white background.

Color Contrast Check

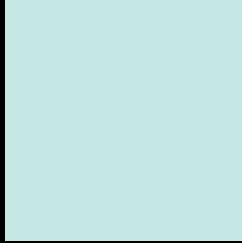
Large Text (above 18pt) WCAG AA × Fail

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 66.0254, 75.2407, 85.1717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

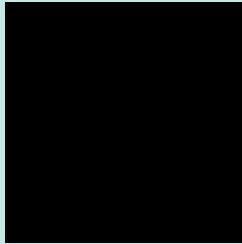
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

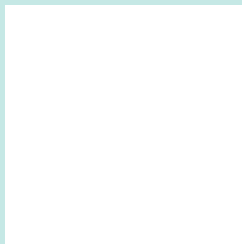
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0254, 75.2407, 85.1717

Background



This preview shows how black text looks on a background with the XYZ color 66.0254, 75.2407, 85.1717.



This preview shows how white text looks on a background with the XYZ color 66.0254, 75.2407,

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

66.0254, 75.2407, 85.1717

Protanopia

71.8371, 74.6512, 81.1439

Deuteranopia

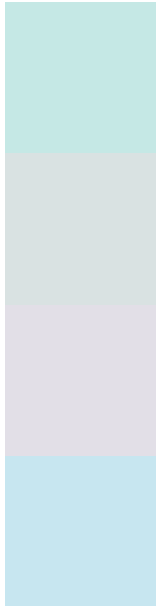
76.5990, 75.0237, 86.7877



Tritanopia

68.6272, 75.0334, 98.8615

Trichromacy



Original Color

66.0254, 75.2407, 85.1717

Protanomaly

69.5391, 74.6354, 82.6925

Deuteranomaly

72.1755, 74.7136, 86.2184

Tritanomaly

67.5782, 75.0270, 93.3580

Monochromacy



Original Color

66.0254, 75.2407, 85.1717

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.5311, 73.2293, 81.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0254, 75.2407, 85.1717 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(197, 232, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 229)  
}
```

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(197, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.0254, 75.2407, 85.1717 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(197, 232, 229) }
```


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

```
.border{ border-color:rgb(197, 232, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0254, 75.2407, 85.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 229) }
```

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

```
.background{ background-color: rgb(197,  
232, 229) }
```

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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