

Converting Colors

XYZ(60.5250, 74.9325, 81.4659)

Have a look what the booklet for
XYZ(60.5250, 74.9325, 81.4659)
contains.

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Color

**XYZ(60.6066, 75.0769,
81.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEEE
RGB	170, 238, 224
RGB Percent	67%, 93%, 88%
CMY	0.3333, 0.0666, 0.1216
CMYK	0.29, 0.00, 0.06, 0.07
HSL	168°, 67%, 80%
HSV	168°, 29%, 93%
XYZ	60.6066, 75.0769, 81.8180
YIQ	216.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

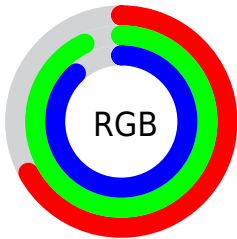
Format	Color
RYB	170, 208, 238
Decimal	11202272
CIELab	89.43, -24.08, -0.05
CIELCh	89, 24.077, 180.127
Yxy	75.0769, 0.2786, 0.3452
Android (android.graphics.Color)	4289392352 (0xFFAAEEEE)
YUV	216.0720, 3.9085, -40.4051
Hunter-Lab	86.6469, -26.7774, 4.6671

Details

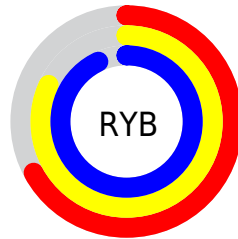
The XYZ color **60.6066, 75.0769, 81.8180** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.2889, 50.3892, 52.0042**, and the grayscale version is **65.3128, 68.7141, 74.8297**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.0918, 40.0335, 43.6246** is the 20% darker color. If you saturate the color by 10%, you get **55.2653, 72.4010, 78.1494**, and if you desaturate by 10%, it is **66.9027, 78.2467, 85.6345**.

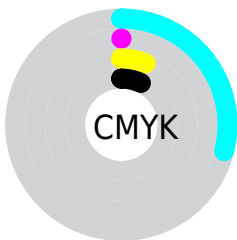
Distribution



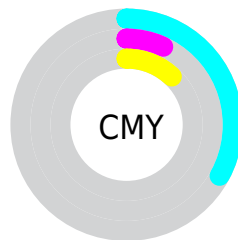
- Red (67%)
- Green (93%)
- Blue (88%)



- Red (67%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6066, 75.0769, 81.8180 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 60.6066, 75.0769, 81.8180 by changing the saturation by 10% instead.


 60.6066, 75.0769,
81.8180

 60.6066, 75.0769,
81.8180


416.6291,
478.1818, 520.9062

 44.1591, 55.6759,
60.6806

 104.8105,
126.4212, 137.7531

 30.9940, 39.9431,
43.5386


133.2975,
159.1333, 173.3879

 20.7461, 27.4942,
29.9734


166.5285,
197.0512, 214.6923

 13.0500, 17.9447,
19.5665

204.8687,
240.5593, 262.0847

 7.5402, 10.9103,
11.8994

248.6835,
290.0421, 315.9838

 3.8515, 6.0066,
6.5535

298.3382,

 1.6185, 2.8491,

345.8838, 376.8080

3.1103

354.1983,
408.4689, 444.9760

0.4044, 1.0535,
1.1512

0.0000, 0.0000,
0.0000

60.6066, 75.0769,
81.8180

60.6066, 75.0769,
81.8180

55.2653, 72.4010,
78.1494

66.9027, 78.2467,
85.6345

50.8220, 70.1839,
74.6205

74.1939, 81.9253,
89.5968

47.2237, 68.4002,
71.2295

82.5259, 86.1382,
93.7094

44.4088, 67.0183,
67.9726

88.0851, 88.9194,
97.7948

■ 42.3077, 66.0022,
64.8458

■ 88.8378, 89.2205,
101.7584

■ 40.8379, 65.3093,
61.8443

■ 89.6105, 89.5296,
105.8270

■ 39.8794, 64.8780,
58.9616

■ 89.8659, 89.6317,
107.1720

■ 39.7607, 64.8256,
58.5584

Harmonies

Analogous

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



61.9682, 75.0769, 66.6108



60.6066, 75.0769, 81.8180



61.9911, 75.0769, 99.1576

Triad

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



60.6066, 75.0769, 81.8180



77.2039, 75.0769, 113.1824



77.1580, 75.0769, 56.6903

Complementary

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



60.6066, 75.0769, 81.8180



58.2889, 50.3892, 52.0042

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.



81.6247, 75.0769, 66.5021



60.6066, 75.0769, 81.8180



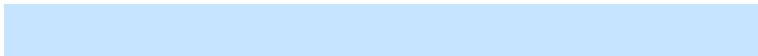
81.6522, 75.0769, 99.0159

Square

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



60.6066, 75.0769, 81.8180



71.3835, 75.0769, 118.7212



83.3119, 75.0769, 81.6740



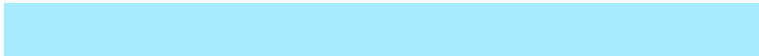
71.3332, 75.0769, 53.3757

Rectangle

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



60.6066, 75.0769, 81.8180



64.3313, 75.0769, 109.2956



83.3119, 75.0769, 81.6740



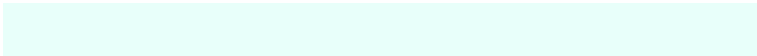
78.8794, 75.0769, 59.2648

Sweetspot

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



60.6087, 75.0800, 81.8197



86.3533, 95.6035, 104.5701



57.7758, 74.3356, 49.3345



18.2024, 20.3213, 22.2354



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.



60.6087, 75.0800, 81.8197



67.2799, 86.0008, 93.2872



57.2744, 65.2457, 90.4674



16.0998, 17.8699, 19.5483



22.2298, 36.1839, 32.9226



1.8840, 3.0240, 2.9216

Inverse Universe

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



58.2889, 50.3892, 52.0042



64.1773, 52.9279, 53.3733



60.7730, 57.5917, 45.9447



15.9059, 15.8121, 17.0608



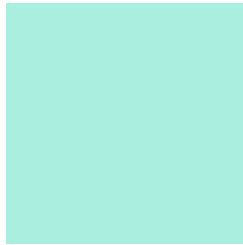
20.0182, 10.2797, 2.7465



1.7001, 0.8691, 0.4118

Previews

White Background



This preview shows how the XYZ color 60.6066, 75.0769, 81.8180 looks on a white background.

Color Contrast Check

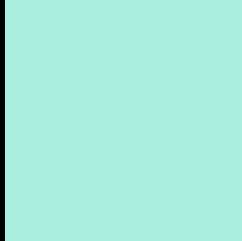
Large Text (above 18pt) WCAG AA × Fail

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 60.6066, 75.0769, 81.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

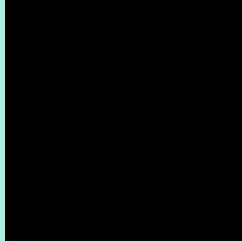
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

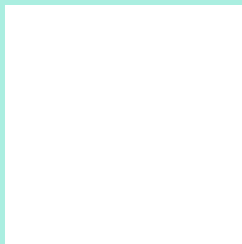
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6066, 75.0769, 81.8180

Background



This preview shows how black text looks on a background with the XYZ color 60.6066, 75.0769, 81.8180.



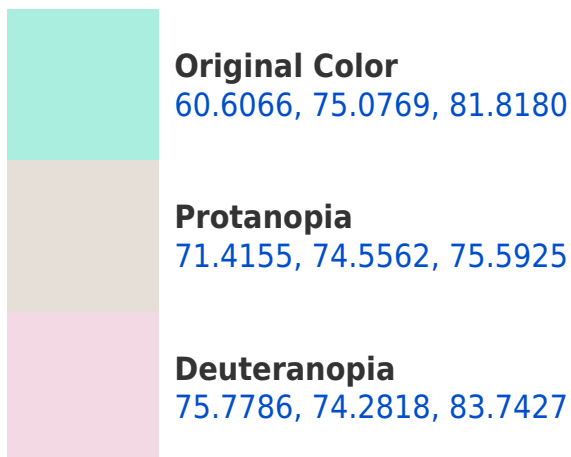
This preview shows how white text looks on a background with the XYZ color 60.6066, 75.0769, 81.8180.

81.8180.

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





Tritanopia

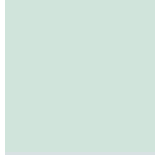
64.8980, 75.1040, 103.1715

Trichromacy



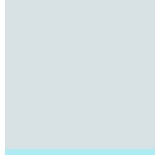
Original Color

60.6066, 75.0769, 81.8180



Protanomaly

66.5420, 74.0112, 77.7963



Deuteranomaly

69.1092, 73.9954, 83.3131



Tritanomaly

63.1909, 74.8261, 95.1168

Monochromacy



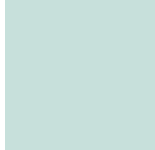
Original Color

60.6066, 75.0769, 81.8180



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.9950, 70.5679, 77.3186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6066, 75.0769, 81.8180 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(170, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 224)  
}
```

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(170, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.6066, 75.0769, 81.8180 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(170, 238, 224) }
```


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

```
.border{ border-color:rgb(170, 238, 224) }
```

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

Here you see how a box with a 4 pixel rgb(170, 238, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6066, 75.0769, 81.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 224) }
```

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

```
.background{ background-color: rgb(170,  
238, 224) }
```

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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