Converting Colors

XYZ(60.9927, 76.0942, 84.3090)

Have a look what the booklet for XYZ(60.9927, 76.0942, 84.3090) contains.

Color

XYZ(60.9616, 76.0817, 84.1453)

Conversions

Conversions Part 1

Format	Color
Hex	A7F0E3
RGB	167, 240, 227
RGB Percent	65%, 94%, 89%
CMY	0.3451, 0.0588, 0.1098
CMYK	0.30, 0.00, 0.05, 0.06
HSL	169°, 71%, 80%
HSV	169°, 30%, 94%
XYZ	60.9616, 76.0817, 84.1453
YIQ	216.6910, -39.3350, -19.5190

Conversions

Conversions Part 2

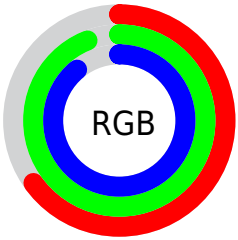
Format	Color
RYB	167, 207, 240
Decimal	11006179
CIELab	89.90, -25.26, -0.95
CIELCh	90, 25.274, 182.163
Yxy	76.0817, 0.2756, 0.3440
Android (android.graphics.Color)	4289196259 (0xFFA7F0E3)
YUV	216.6910, 5.0823, -43.5790
Hunter-Lab	87.2248, -27.8894, 3.8606

Details

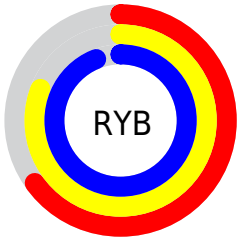
The XYZ color 60.9616, 76.0817, 84.1453 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 57.9948, 49.4601, 49.6732, and the grayscale version is 65.7292, 69.1522, 75.3068.

A 20% lighter version of the original color is 84.5505, 94.5873, 108.4086, and 31.2690, 40.7043, 45.2384 is the 20% darker color. If you saturate the color by 10%, you get 55.7720, 73.4757, 80.8619, and if you desaturate by 10%, it is 67.1111, 79.1848, 87.5534.

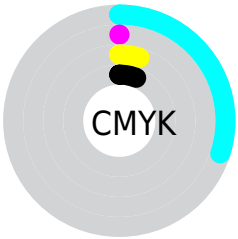
Distribution



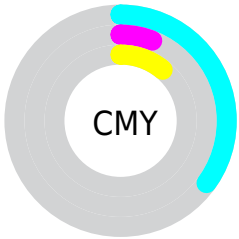
- Red (65%)
- Green (94%)
- Blue (89%)



- Red (65%)
- Yellow (81%)
- Blue (94%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (35%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9616, 76.0817, 84.1453 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 60.9616, 76.0817, 84.1453 by changing the saturation by 10% instead.

60.9616, 76.0817, 84.1453

60.9616, 76.0817, 84.1453

417.9114, 481.6273, 528.8663

44.4466, 56.4995, 62.5893

105.3218, 127.8424, 141.0419

31.2212, 40.6035, 45.0702

133.8976, 160.7897, 177.2197

20.9200, 28.0094, 31.1694

167.2245, 198.9608, 219.1085

13.1776, 18.3328, 20.4683

205.6677, 242.7401, 267.1268

7.6288, 11.1892, 12.5485

249.5927, 292.5120, 321.6932

3.9082, 6.1942, 6.9913

299.3647,

1.6503, 2.9635,

348.6609, 383.2262

355.3491, 411.5712, 452.1444

3.3783

0.4249, 1.1127, 1.2909

0.0000, 0.0000, 0.0543

60.9616, 76.0817, 84.1453

60.9616, 76.0817, 84.1453

55.7720, 73.4757, 80.8619

67.1111, 79.1848, 87.5534

51.4836, 71.3306, 77.6950

74.2621, 82.8006, 91.0837

48.0412, 69.6199, 74.6430

82.4619, 86.9553, 94.7407

45.3807, 68.3107, 71.7025

88.7459, 90.1206, 98.3861

43.4291, 67.3653, 68.8694

89.4031, 90.3835, 101.8468

42.0989, 66.7386, 66.1391

90.0754, 90.6524, 105.3874

41.2688, 66.3658, 63.6120

90.4514, 90.8028, 107.3671

Harmonies

Analogous

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

62.2028, 76.0817, 67.7917

60.9616, 76.0817, 84.1453

62.6138, 76.0817, 102.5361

Triad

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

60.9616, 76.0817, 84.1453

78.8982, 76.0817, 115.5088

78.0689, 76.0817, 55.9907

Complementary

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

60.9616, 76.0817, 84.1453

57.9948, 49.4601, 49.6732

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.

82.9663, 76.0817, 65.8430

60.9616, 76.0817, 84.1453

83.4642, 76.0817, 99.9652

Square

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

60.9616, 76.0817, 84.1453

72.7677, 76.0817, 122.1925

84.9935, 76.0817, 81.5483

71.8609, 76.0817, 52.9985

Rectangle

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

60.9616, 76.0817, 84.1453

65.1923, 76.0817, 113.0881

84.9935, 76.0817, 81.5483

79.9350, 76.0817, 58.5326

Sweetspot

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

60.9638, 76.0848, 84.1470

86.4537, 95.6437, 105.0988

57.0493, 74.8627, 48.0038

18.2272, 20.3312, 22.3663

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.

60.9638, 76.0848, 84.1470

65.8488, 85.2453, 94.0224

56.4497, 64.0750, 91.8341

16.1195, 17.8778, 19.6521

22.6351, 36.3461, 35.0572

1.9143, 3.0362, 3.0811

Inverse Universe

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

57.9948, 49.4601, 49.6732

61.9051, 49.8201, 48.1867

61.3515, 58.1952, 44.5599

15.8877, 15.8048, 16.9650

19.9418, 10.2492, 2.3443

1.6912, 0.8655, 0.3649

Previews

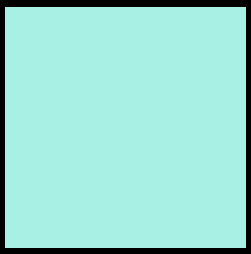
White Background

This preview shows how the XYZ color 60.9616, 76.0817, 84.1453 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



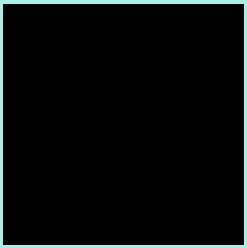
This preview shows how the XYZ color 60.9616, 76.0817, 84.1453 looks on a black background.

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 60.9616, 76.0817, 84.1453 Background



This preview shows how black text looks on a background with the XYZ color 60.9616, 76.0817, 84.1453.

This preview shows how white text looks on a background with the XYZ color 60.9616, 76.0817,

84.1453.

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
60.9616, 76.0817, 84.1453

Protanopia
72.2655, 75.3622, 77.0672

Deuteranopia
76.9451, 75.2021, 86.8039

Tritanopia
65.2790, 76.0951, 105.8550

Trichromacy

Original Color
60.9616, 76.0817, 84.1453

Protanomaly
67.3604, 75.2240, 79.3760

Deuteranomaly
69.7982, 74.7048, 85.6036

Tritanomaly
63.5602, 75.8189, 97.6707

Monochromacy

Original Color
60.9616, 76.0817, 84.1453

Achromatopsia
65.9525, 69.3872, 75.5626

Achromatomaly
63.5295, 71.2130, 78.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9616, 76.0817, 84.1453 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(167, 240, 227) looks like.

```
.text, #text, p{
    color:rgb(167, 240, 227)
}
```

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(167, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 240, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.9616, 76.0817, 84.1453 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(167, 240, 227) }
```

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

```
.border{ border-color:rgb(167, 240, 227) }
```

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

Here you see how a box with a 4 pixel rgb(167, 240, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 240, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 240, 227); box-shadow:4px 4px 4px 4px rgb(167, 240, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9616, 76.0817, 84.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 240, 227) }
```

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

```
.background{ background-color:rgb(167,
240, 227) }
```

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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