Converting Colors

XYZ(60.1898, 77.0889, 65.5243)

Have a look what the booklet for XYZ(60.1898, 77.0889, 65.5243) contains.

Color

XYZ(60.1924, 76.9749, 65.7180)

Conversions

Conversions Part 1

Format	Color
Hex	B1F2C7
RGB	177, 242, 199
RGB Percent	69%, 95%, 78%
CMY	0.3059, 0.0510, 0.2196
CMYK	0.27, 0.00, 0.18, 0.05
HSL	140°, 71%, 82%
HSV	140°, 27%, 95%
XYZ	60.1924, 76.9749, 65.7180
YIQ	217.6630, -24.9370, -27.1530

Conversions

Conversions Part 2

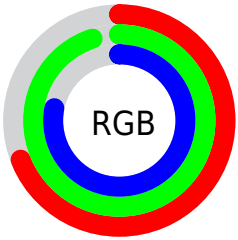
Format	Color
RYB	177, 226, 242
Decimal	11662023
CIELab	90.31, -28.86, 14.27
CIELCh	90, 32.194, 153.682
Yxy	76.9749, 0.2967, 0.3794
Android (android.graphics.Color)	4289852103 (0xFFB1F2C7)
YUV	217.6630, -9.2009, -35.6615
Hunter-Lab	87.7353, -31.0737, 17.0037

Details

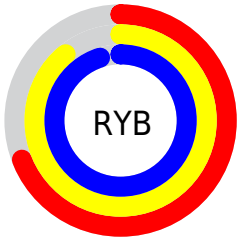
The XYZ color 60.1924, 76.9749, 65.7180 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 65.2610, 55.4906, 74.9845, and the grayscale version is 66.4838, 69.9461, 76.1714.

A 20% lighter version of the original color is 87.7417, 96.2324, 108.5580, and 30.8381, 41.3731, 33.1485 is the 20% darker color. If you saturate the color by 10%, you get 53.3994, 73.6787, 56.2024, and if you desaturate by 10%, it is 68.1627, 80.8596, 76.3129.

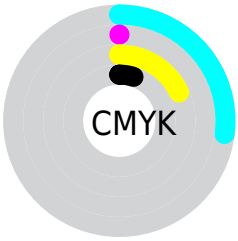
Distribution



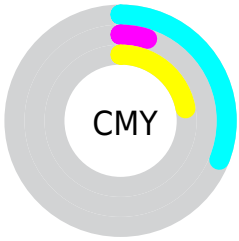
- Red (69%)
- Green (95%)
- Blue (78%)



- Red (69%)
- Yellow (89%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1924, 76.9749, 65.7180 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 60.1924, 76.9749, 65.7180 by changing the saturation by 10% instead.

60.1924, 76.9749, 65.7180

60.1924, 76.9749, 65.7180

415.1300, 484.6784, 463.7443

43.8238, 57.2323, 47.5885

104.2135, 129.1040, 114.7046

30.7293, 41.1918, 33.1434

132.5966, 162.2594, 146.3988

20.5436, 28.4689, 21.9643

165.7154, 200.6544, 183.4517

12.9014, 18.6795, 13.6326

203.9350, 244.6734, 226.2817

7.4372, 11.4389, 7.7298

247.6210, 294.7010, 275.3074

3.7857, 6.3629, 3.8372

297.1385,

1.5816, 3.0670,

351.1214, 330.9474

352.8531, 414.3191, 393.6202

1.5365

0.3804, 1.1668, 0.2449

0.0000, 0.0343, 0.0000

60.1924, 76.9749, 65.7180

60.1924, 76.9749, 65.7180

53.3994, 73.6787, 56.2024

68.1627, 80.8596, 76.3129

47.7197, 70.9325, 47.7269

77.3575, 85.3503, 88.0145

43.0928, 68.7077, 40.2571

87.8293, 90.4753, 100.8556

39.4493, 66.9696, 33.7551

91.0436, 91.9872, 107.5645

36.7114, 65.6787, 28.1802

34.7883, 64.7892, 23.4889

33.5663, 64.2432, 19.6335

33.2730, 64.1150, 18.5857

Harmonies

Analogous

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

64.9393, 76.9749, 52.1728

60.1924, 76.9749, 65.7180

58.8274, 76.9749, 86.6809

Triad

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

60.1924, 76.9749, 65.7180

74.1571, 76.9749, 136.0607

86.7589, 76.9749, 61.6287

Complementary

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

60.1924, 76.9749, 65.7180

65.2610, 55.4906, 74.9845

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.

89.6551, 76.9749, 81.0082

60.1924, 76.9749, 65.7180

82.0518, 76.9749, 126.1946

Square

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

60.1924, 76.9749, 65.7180

66.5364, 76.9749, 129.9573

87.8731, 76.9749, 104.9565

80.2142, 76.9749, 50.1323

Rectangle

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

60.1924, 76.9749, 65.7180

59.9296, 76.9749, 102.8321

87.8731, 76.9749, 104.9565

88.2123, 76.9749, 67.2959

Sweetspot

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

60.1945, 76.9781, 65.7197

85.8417, 95.4952, 97.5227

69.3069, 81.9499, 53.7609

18.0252, 20.2696, 20.4357

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.

60.1945, 76.9781, 65.7197

63.6268, 84.6678, 68.2581

64.3334, 78.6337, 87.5151

15.7866, 17.7447, 17.8993

17.9308, 34.4644, 10.2847

1.5365, 2.8850, 1.0914

Inverse Universe

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

65.2610, 55.4906, 74.9845

70.1784, 56.8680, 80.2280

61.4015, 53.9468, 54.6607

16.2137, 15.9352, 18.6814

23.1510, 11.5328, 19.2435

1.9722, 0.9779, 1.8444

Previews

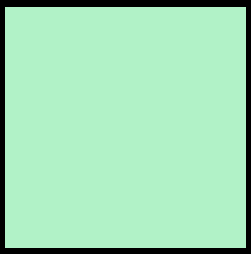
White Background

This preview shows how the XYZ color 60.1924, 76.9749, 65.7180 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



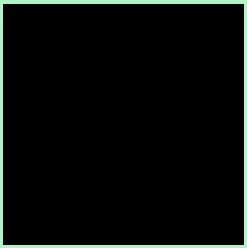
This preview shows how the XYZ color 60.1924, 76.9749, 65.7180 looks on a black background.

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 60.1924, 76.9749, 65.7180 Background



This preview shows how black text looks on a background with the XYZ color 60.1924, 76.9749, 65.7180.

This preview shows how white text looks on a background with the XYZ color 60.1924, 76.9749,

65.7180.

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
60.1924, 76.9749, 65.7180

Protanopia
72.1969, 76.5050, 60.2520

Deuteranopia
77.5910, 76.3308, 68.4014

Tritanopia
67.6460, 76.5023, 104.1296

Trichromacy

Original Color
60.1924, 76.9749, 65.7180

Protanomaly
66.9131, 76.2072, 62.2217

Deuteranomaly
69.9271, 75.5809, 67.4029

Tritanomaly
64.5206, 76.5188, 88.4598

Monochromacy

Original Color
60.1924, 76.9749, 65.7180

Achromatopsia
66.6397, 70.1102, 76.3500

Achromatomaly
63.8556, 72.3378, 72.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1924, 76.9749, 65.7180 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(177, 242, 199) looks like.

```
.text, #text, p{
    color:rgb(177, 242, 199)
}
```

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(177, 242, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 242, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.1924, 76.9749, 65.7180 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(177, 242, 199) }
```

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

```
.border{ border-color:rgb(177, 242, 199) }
```

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

Here you see how a box with a 4 pixel rgb(177, 242, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 242, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 242, 199); box-shadow:4px 4px 4px 4px rgb(177, 242, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1924, 76.9749, 65.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 242, 199) }
```

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

```
.background{ background-color:rgb(177,
242, 199) }
```

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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