

Converting Colors

XYZ(60.2208, 68.4836, 76.2628)

Have a look what the booklet for
XYZ(60.2208, 68.4836, 76.2628)
contains.

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Color

**XYZ(60.2620, 68.3809,
76.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDEDA
RGB	191, 222, 218
RGB Percent	75%, 87%, 85%
CMY	0.2510, 0.1294, 0.1451
CMYK	0.14, 0.00, 0.02, 0.13
HSL	172°, 32%, 81%
HSV	172°, 14%, 87%
XYZ	60.2620, 68.3809, 76.3523
YIQ	212.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

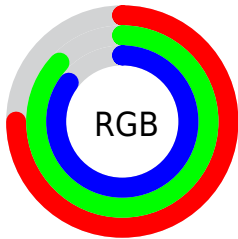
Format	Color
RYB	191, 208, 222
Decimal	12574426
CIELab	86.20, -10.96, -1.48
CIELCh	86, 11.061, 187.710
Yxy	68.3809, 0.2940, 0.3336
Android (android.graphics.Color)	4290764506 (0xFFBFDEDA)
YUV	212.2750, 2.8224, -18.6582
Hunter-Lab	82.6927, -14.6312, 3.1410

Details

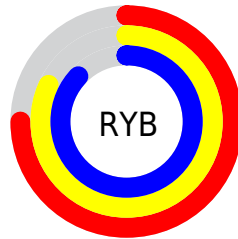
The XYZ color **60.2620, 68.3809, 76.3523** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.6078, 56.7331, 59.4944**, and the grayscale version is **62.7538, 66.0219, 71.8978**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.7461, 35.6001, 39.9014** is the 20% darker color. If you saturate the color by 10%, you get **54.7252, 65.5714, 74.1531**, and if you desaturate by 10%, it is **66.6554, 71.6350, 78.6284**.

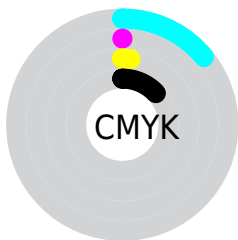
Distribution



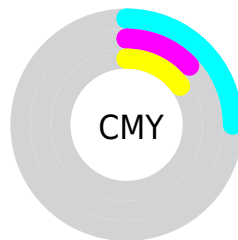
- Red (75%)
- Green (87%)
- Blue (85%)



- Red (75%)
- Yellow (82%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2620, 68.3809, 76.3523 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 60.2620, 68.3809, 76.3523 by changing the saturation by 10% instead.

60.2620, 68.3809,
76.3523

60.2620, 68.3809,
76.3523

415.3821,
454.8444, 501.9317

43.8801, 50.2077,
56.2131

104.3138,
116.8969, 129.9894

30.7738, 35.5784,
39.9686

132.7145,
148.0084, 164.3244

20.5776, 24.1088,
27.2005

165.8521,
184.2015, 204.2283

12.9263, 15.4143,
17.4901

204.0920,
225.8606, 250.1198

7.4545, 9.1107,
10.4189

247.7996,
273.3700, 302.4173

3.7968, 4.8135,
5.5683

297.3403,

1.5878, 2.1382,

327.1142, 361.5395

2.5199

353.0793,
387.4775, 427.9048

■ 0.3844, 0.6860,
0.8507

■ 0.0000, 0.0000,
0.0000

■ 60.2620, 68.3809,
76.3523

■ 60.2620, 68.3809,
76.3523

■ 54.7252, 65.5714,
74.1531

■ 66.6554, 71.6350,
78.6284

■ 50.0012, 63.1783,
72.0241


■ 73.9353, 75.3434,
80.9785


■ 46.0511, 61.1835,
69.9649


■ 81.1727, 79.0292,
83.3609


■ 42.8304, 59.5639,
67.9733

■ 81.5709, 79.1885,
85.4576


 40.2901, 58.2943,
66.0466


 81.9757, 79.3504,
87.5892


 38.3751, 57.3463,
64.1823


 82.3871, 79.5149,
89.7557


 37.0217, 56.6872,
62.3771

 82.8052, 79.6822,
91.9574

 36.1525, 56.2769,
60.6272

 83.2300, 79.8521,
94.1945

 35.7860, 56.1105,
59.5942

 83.6616, 80.0247,
96.4670

Harmonies

Analogous

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



60.5683, 68.3809, 69.2625



60.2620, 68.3809, 76.3523



61.1972, 68.3809, 83.3654

Triad

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



60.2620, 68.3809, 76.3523



68.0350, 68.3809, 86.1080



66.8687, 68.3809, 62.2202

Complementary

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



60.2620, 68.3809, 76.3523



58.6078, 56.7331, 59.4944

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.



68.9447, 68.3809, 66.2036



60.2620, 68.3809, 76.3523



69.6302, 68.3809, 79.9011

Square

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



60.2620, 68.3809, 76.3523



65.6531, 68.3809, 89.2324



69.9674, 68.3809, 72.5897



64.3393, 68.3809, 61.4067

Rectangle

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



60.2620, 68.3809, 76.3523



62.4135, 68.3809, 86.9487



69.9674, 68.3809, 72.5897



67.6447, 68.3809, 63.2197

Sweetspot

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



60.2640, 68.3838, 76.3538



91.1851, 98.0320, 107.6160



58.0674, 67.6270, 59.2841



19.3665, 20.9061, 22.9830



0.0000, 0.0000, 0.0000



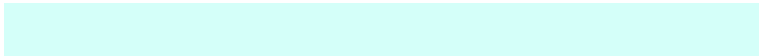
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2640, 68.3838, 76.3538



79.9723, 92.3298, 103.5583



57.8760, 62.7592, 78.1740



14.0364, 15.5403, 17.2270



21.2843, 33.3386, 35.5499



1.4968, 2.3195, 2.5775

Inverse Universe

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



58.6078, 56.7331, 59.4944



77.2527, 73.1948, 75.8710



60.7372, 61.7067, 58.0007



13.7789, 13.7292, 14.6059



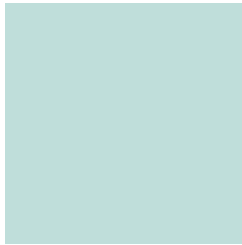
18.0451, 9.2850, 1.6371



1.2745, 0.6531, 0.2385

Previews

White Background



This preview shows how the XYZ color 60.2620, 68.3809, 76.3523 looks on a white background.

Color Contrast Check

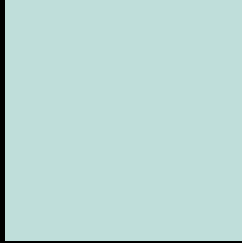
Large Text (above 18pt) WCAG AA × Fail

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 60.2620, 68.3809, 76.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

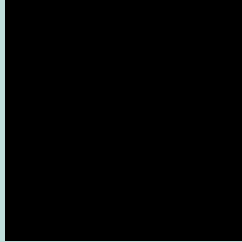
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

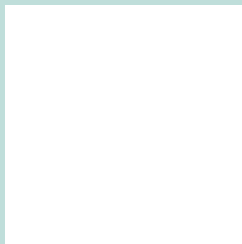
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2620, 68.3809, 76.3523

Background



This preview shows how black text looks on a background with the XYZ color 60.2620, 68.3809, 76.3523.

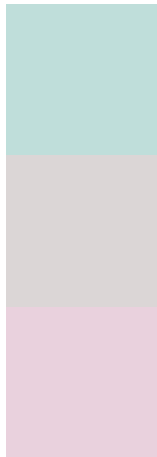


This preview shows how white text looks on a background with the XYZ color 60.2620, 68.3809,

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**

60.2620, 68.3809, 76.3523

Protanopia

65.3976, 68.0082, 73.2984

Deuteranopia

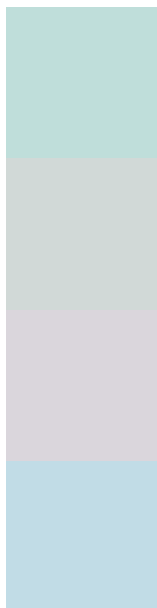
69.4559, 68.1450, 77.8992



Tritanopia

62.8657, 68.2468, 89.9803

Trichromacy



Original Color

60.2620, 68.3809, 76.3523

Protanomaly

63.3731, 68.0873, 74.0920

Deuteranomaly

65.8783, 68.1659, 77.3953

Tritanomaly

61.8684, 68.2370, 84.7732

Monochromacy



Original Color

60.2620, 68.3809, 76.3523

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.5953, 66.8041, 73.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2620, 68.3809, 76.3523 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(191, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(191, 222, 218)  
}
```

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(191, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 222, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.2620, 68.3809, 76.3523 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(191, 222, 218) }
```


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

```
.border{ border-color:rgb(191, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(191, 222,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2620, 68.3809, 76.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 222, 218) }
```

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

```
.background{ background-color: rgb(191,  
222, 218) }
```

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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