

Converting Colors

XYZ(60.4263, 53.2302, 77.6106)

Have a look what the booklet for
XYZ(60.4263, 53.2302, 77.6106)
contains.

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Color

**XYZ(60.4263, 53.2302,
77.6106)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E1B2E0 |
| RGB | 225, 178, 224 |
| RGB Percent | 88%, 70%, 88% |
| CMY | 0.1176, 0.3019, 0.1216 |
| CMYK | 0.00, 0.21, 0.00, 0.12 |
| HSL | 301°, 44%, 79% |
| HSV | 301°, 21%, 88% |
| XYZ | 60.4263, 53.2302, 77.6106 |
| YIQ | 197.2970, 13.2460, 24.2700 |

Conversions

Conversions Part 2

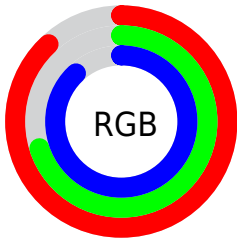
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 178, 224 |
| Decimal | 14791392 |
| CIE Lab | 78.01, 24.71, -16.57 |
| CIE LCh | 78, 29.753, 326.161 |
| Yxy | 53.2302, 0.3159, 0.2783 |
| Android (android.graphics.Color) | 4292981472 (0xFFE1B2E0) |
| YUV | 197.2970, 13.1646, 24.2955 |
| Hunter-Lab | 72.9590, 20.1594, -11.9988 |

Details

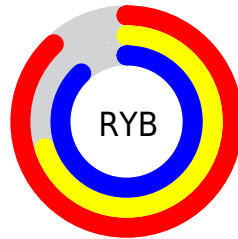
The XYZ color **60.4263, 53.2302, 77.6106** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.4242, 66.5717, 52.6847**, and the grayscale version is **53.1691, 55.9380, 60.9165**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **30.8572, 25.9668, 40.9219** is the 20% darker color. If you saturate the color by 10%, you get **56.2472, 44.9749, 75.8981**, and if you desaturate by 10%, it is **65.3431, 62.9587, 79.5711**.

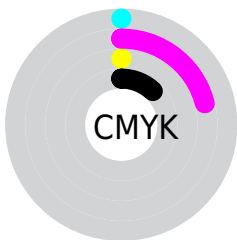
Distribution



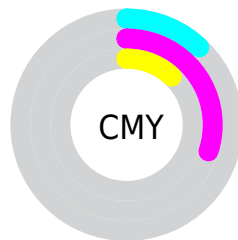
- Red (88%)
- Green (70%)
- Blue (88%)



- Red (88%)
- Yellow (70%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4263, 53.2302, 77.6106 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 60.4263, 53.2302, 77.6106 by changing the saturation by 10% instead.


 60.4263, 53.2302,
77.6106

 60.4263, 53.2302,
77.6106


415.9769,
399.1677, 506.3362

 44.0131, 37.9866,
57.2396


 104.5507, 94.9430,
131.7819

 30.8788, 25.9723,
40.7870


132.9925,
122.1810, 166.4193

 20.6579, 16.8029,
27.8342


166.1747,
154.1859, 206.6493

 12.9852, 10.0941,
17.9628

204.4624,
191.3421, 252.8903

 7.4953, 5.4614,
10.7541

248.2212,
234.0339, 305.5610

 3.8228, 2.5204,
5.7897

297.8163,

 1.6024, 0.8868,

282.6459, 365.0798

2.6509

353.6131,
337.5624, 431.8654

■ 0.3940, 0.0000,
0.9186

■ 0.0000, 0.0000,
0.0000

■ 60.4263, 53.2302,
77.6106

■ 60.4263, 53.2302,
77.6106

■ 56.2472, 44.9749,
75.8981

■ 65.3431, 62.9587,
79.5711

■ 52.7651, 38.1142,
74.4182

■ 71.0260, 74.2201,
81.7873

■ 49.9429, 32.5731,
73.1592

■ 77.5079, 87.0792,
84.2707

■ 47.7381, 28.2665,
72.1069

■ 80.5279, 93.0142,
85.6011

46.1033, 25.0994,
71.2455

80.5937, 93.0405,
85.9476

44.9839, 22.9631,
70.5568

80.6597, 93.0669,
86.2951

44.3152, 21.7278,
70.0192

80.7259, 93.0934,
86.6436

43.9981, 21.1863,
69.6275

80.7922, 93.1200,
86.9930

80.8588, 93.1466,
87.3434

Harmonies

Analogous

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



55.6680, 53.2302, 91.5849



60.4263, 53.2302, 77.6106



62.5476, 53.2302, 60.1221

Triad

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



60.4263, 53.2302, 77.6106



51.3436, 53.2302, 31.5898



41.2357, 53.2302, 73.2000

Complementary

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



60.4263, 53.2302, 77.6106



53.4242, 66.5717, 52.6847

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.



40.2690, 53.2302, 55.8478



60.4263, 53.2302, 77.6106



45.8376, 53.2302, 33.7720

Square

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



60.4263, 53.2302, 77.6106



57.0568, 53.2302, 35.2849



41.8902, 53.2302, 41.9402



44.6381, 53.2302, 88.7161

Rectangle

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



60.4263, 53.2302, 77.6106



62.0704, 53.2302, 49.5213



41.8902, 53.2302, 41.9402



40.6268, 53.2302, 67.3038

Sweetspot

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



60.4279, 53.2325, 77.6117



90.3094, 90.6027, 107.0613



48.0538, 46.8377, 77.7431



19.2244, 19.1836, 22.8743



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.



60.4279, 53.2325, 77.6117



77.7576, 65.7636, 102.0617



57.4829, 52.0545, 62.1037



14.2818, 13.9303, 17.2540



25.3592, 12.2107, 40.1530



1.7618, 0.8480, 2.8046

Inverse Universe

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



60.4279, 53.2325, 77.6117



77.7576, 65.7636, 102.0617



55.9816, 67.5947, 66.1517



14.2818, 13.9303, 17.2540



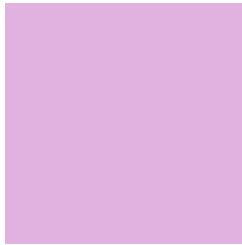
25.3592, 12.2107, 40.1530



1.7618, 0.8480, 2.8046

Previews

White Background



This preview shows how the XYZ color 60.4263, 53.2302, 77.6106 looks on a white background.

Color Contrast Check

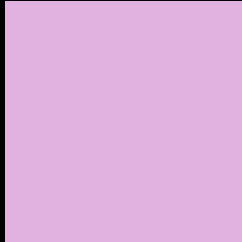
Large Text (above 18pt) WCAG AA × Fail

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 60.4263, 53.2302, 77.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

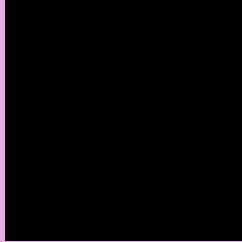
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4263, 53.2302, 77.6106

Background



This preview shows how black text looks on a background with the XYZ color 60.4263, 53.2302, 77.6106.



This preview shows how white text looks on a background with the XYZ color 60.4263, 53.2302,

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

60.4263, 53.2302, 77.6106

Protanopia

53.1059, 53.3351, 84.5865

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

56.8303, 53.2703, 60.1102

Trichromacy



Original Color

60.4263, 53.2302, 77.6106

Protanomaly

55.3950, 52.9731, 82.1681

Deuteranomaly

56.4722, 53.0186, 77.0692

Tritanomaly

57.9106, 53.0823, 66.2252

Monochromacy



Original Color

60.4263, 53.2302, 77.6106

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.4081, 54.5973, 66.6495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4263, 53.2302, 77.6106 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(225, 178, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 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(225, 178, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.4263, 53.2302, 77.6106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

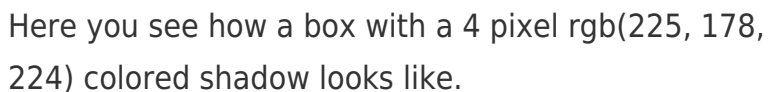
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 178, 224) }
```


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

```
.border{ border-color:rgb(225, 178, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 178, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4263, 53.2302, 77.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 224) }
```

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

```
.background{ background-color: rgb(225,  
178, 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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