

Converting Colors

XYZ(60.6125, 77.2553, 17.0474)

Have a look what the booklet for
XYZ(60.6125, 77.2553, 17.0474)
contains.

XYZ(60.7885, 77.4771, 17.0609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7885, 77.4771,
17.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F043
RGB	217, 240, 67
RGB Percent	85%, 94%, 26%
CMY	0.1490, 0.0588, 0.7372
CMYK	0.10, 0.00, 0.72, 0.06
HSL	68°, 85%, 60%
HSV	68°, 72%, 94%
XYZ	60.7885, 77.4771, 17.0609
YIQ	213.4010, 41.8250, -58.6790

Conversions

Conversions Part 2

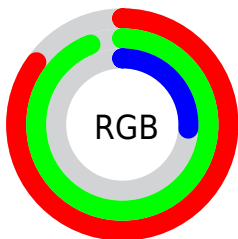
Format	Color
RYB	67, 240, 90
Decimal	14282819
CIELab	90.54, -28.44, 75.87
CIELCh	91, 81.023, 110.548
Yxy	77.4771, 0.3914, 0.4988
Android (android.graphics.Color)	4292472899 (0xFFD9F043)
YUV	213.4010, -72.1757, 3.1563
Hunter-Lab	88.0211, -30.7625, 50.1227

Details

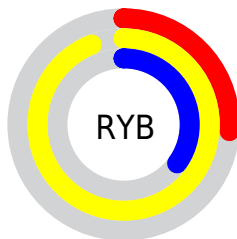
The XYZ color **60.7885, 77.4771, 17.0609** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **21.9543, 12.4810, 83.6947**, and the grayscale version is **63.9656, 67.2968, 73.2862**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **31.2410, 41.5501, 6.3734** is the 20% darker color. If you saturate the color by 10%, you get **59.2735, 76.7654, 13.9792**, and if you desaturate by 10%, it is **62.6236, 78.3246, 21.7167**.

Distribution



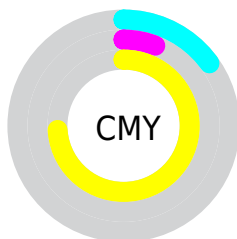
- Red (85%)
- Green (94%)
- Blue (26%)



- Red (26%)
- Yellow (94%)
- Blue (35%)



- Cyan (10%)
- Magenta (0%)
- Yellow (72%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7885, 77.4771, 17.0609 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 60.7885, 77.4771, 17.0609 by changing the saturation by 10% instead.

60.7885, 77.4771,
17.0609

60.7885, 77.4771,
17.0609

417.2864,
486.3892, 247.5789

44.3064, 57.6445,
10.1155

105.0725,
129.8127, 39.2225

31.1104, 41.5229,
5.3690

133.6051,
163.0846, 55.2759

20.8352, 28.7279,
2.4029

166.8852,
201.6050, 75.2022

13.1153, 18.8751,
0.7880

205.2782,
245.7584, 99.4202

7.5856, 11.5801,
0.0000

249.1495,
295.9291, 128.3483

3.8805, 6.4584,
0.0000

298.8644,

1.6347, 3.1258,

352.5015, 162.4051

0.0000

354.7882,
415.8601, 202.0091

■ 0.4149, 1.1977,
0.0000

■ 0.0000, 0.0599,
0.0000

■ 60.7885, 77.4771,
17.0609

■ 60.7885, 77.4771,
17.0609

■ 59.2735, 76.7654,
13.9792

■ 62.6236, 78.3246,
21.7167


■ 58.0335, 76.1629,
12.2586


■ 64.8064, 79.3105,
28.1148


■ 57.1992, 75.7464,
11.6058


■ 67.3672, 80.4498,
36.4071


■ 70.3317, 81.7527,
46.7276

 73.7231, 83.2285,
59.1982

 77.5629, 84.8859,
73.9314

 81.8709, 86.7327,
91.0315

 86.0131, 88.5154,
107.1596

 87.1215, 89.0868,
107.2114

Harmonies

Analogous

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



80.2277, 77.4771, 15.2075



60.7885, 77.4771, 17.0609



47.4569, 77.4771, 31.4506

Triad

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



60.7885, 77.4771, 17.0609



51.5452, 77.4771, 203.2442



119.1677, 77.4771, 104.0507

Complementary

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



60.7885, 77.4771, 17.0609



21.9543, 12.4810, 83.6947

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.



108.0229, 77.4771, 177.0295



60.7885, 77.4771, 17.0609



67.4225, 77.4771, 249.3307

Square

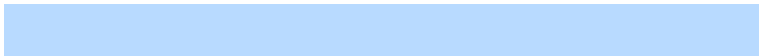
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7885, 77.4771, 17.0609



42.8397, 77.4771, 129.9194



88.1853, 77.4771, 238.0011



116.4991, 77.4771, 50.9312

Rectangle

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



60.7885, 77.4771, 17.0609



42.6622, 77.4771, 52.3785



88.1853, 77.4771, 238.0011



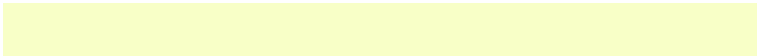
116.8457, 77.4771, 127.2610

Sweetspot

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



60.7903, 77.4806, 17.0625



84.6055, 95.5113, 67.9483



40.3741, 25.7788, 8.1591



17.8717, 20.3404, 13.6564



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.



60.7903, 77.4806, 17.0625



67.3866, 87.7878, 15.0382



41.8991, 67.7419, 16.1784



16.9041, 18.3462, 16.8000



31.3921, 41.5048, 6.3567



2.6683, 3.4821, 0.5315

Inverse Universe

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



21.9543, 12.4810, 83.6947



20.8428, 9.5828, 95.3589



35.1231, 19.2698, 84.3109



15.0927, 15.3295, 19.8850



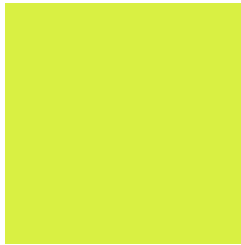
8.9965, 3.6433, 45.3569



0.8096, 0.3346, 3.7761

Previews

White Background



This preview shows how the XYZ color 60.7885, 77.4771, 17.0609 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 60.7885, 77.4771, 17.0609 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 60.7885, 77.4771, 17.0609

Background



This preview shows how black text looks on a background with the XYZ color 60.7885, 77.4771, 17.0609.



This preview shows how white text looks on a background with the XYZ color 60.7885, 77.4771,

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

60.7885, 77.4771, 17.0609

Protanopia

69.9965, 77.1521, 16.5128

Deuteranopia

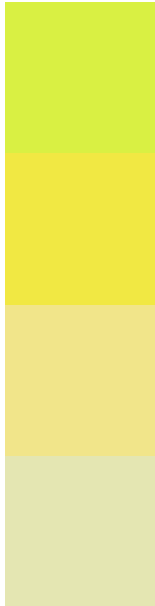
75.4980, 76.7572, 53.4843



Tritanopia

76.6144, 77.2145, 94.8703

Trichromacy



Original Color

60.7885, 77.4771, 17.0609

Protanomaly

66.1454, 76.8192, 16.6516

Deuteranomaly

68.8824, 76.5744, 35.1946

Tritanomaly

68.3276, 76.3020, 53.2460

Monochromacy



Original Color

60.7885, 77.4771, 17.0609

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.4644, 69.6096, 43.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7885, 77.4771, 17.0609 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(217, 240, 67)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 67)  
}
```

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(217, 240, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 67) }
```

Border

The CSS property to change the border of an element to XYZ 60.7885, 77.4771, 17.0609 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(217, 240, 67) }
```


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

```
.border{ border-color:rgb(217, 240, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 67);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7885, 77.4771, 17.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 67) }
```

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

```
.background{ background-color: rgb(217,  
240, 67) }
```

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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