

Converting Colors

XYZ(60.1579, 76.2606, 17.9968)

Have a look what the booklet for
XYZ(60.1579, 76.2606, 17.9968)
contains.

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Color

**XYZ(60.1295, 76.2424,
18.0257)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EE4A
RGB	216, 238, 74
RGB Percent	85%, 93%, 29%
CMY	0.1529, 0.0666, 0.7098
CMYK	0.09, 0.00, 0.69, 0.07
HSL	68°, 83%, 61%
HSV	68°, 69%, 93%
XYZ	60.1295, 76.2424, 18.0257
YIQ	212.7260, 39.5320, -55.6680

Conversions

Conversions Part 2

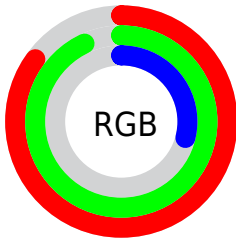
Format	Color
RYB	74, 238, 96
Decimal	14216778
CIELab	89.97, -27.55, 72.89
CIELCh	90, 77.924, 110.703
Yxy	76.2424, 0.3894, 0.4938
Android (android.graphics.Color)	4292406858 (0xFFD8EE4A)
YUV	212.7260, -68.3919, 2.8713
Hunter-Lab	87.3169, -29.8832, 48.8820

Details

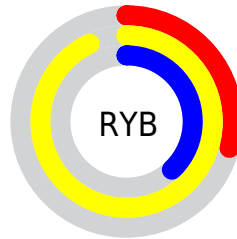
The XYZ color **60.1295, 76.2424, 18.0257** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **22.7078, 13.5592, 82.3138**, and the grayscale version is **63.4887, 66.7951, 72.7398**.

A 20% lighter version of the original color is **81.1649, 94.4459, 35.7818**, and **30.8285, 40.7250, 6.2359** is the 20% darker color. If you saturate the color by 10%, you get **58.5407, 75.5017, 14.5288**, and if you desaturate by 10%, it is **62.0433, 77.1208, 23.1232**.

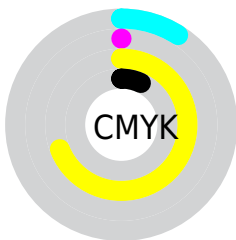
Distribution



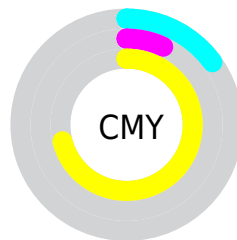
- Red (85%)
- Green (93%)
- Blue (29%)



- Red (29%)
- Yellow (93%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (69%)
- Black (7%)





- Cyan (15%)
- Magenta (7%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1295, 76.2424, 18.0257 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 60.1295, 76.2424, 18.0257 by changing the saturation by 10% instead.


 60.1295, 76.2424,
18.0257


 60.1295, 76.2424,
18.0257


414.9020,
482.1771, 253.2568


 43.7729, 56.6313,
10.7988


 104.1228,
128.0695, 40.8956


 30.6891, 40.7093,
5.8192


 132.4901,
161.0543, 57.3758


 20.5129, 28.0920,
2.6685


 165.5918,
199.2657, 77.7774

 12.8789, 18.3950,
0.9275

 203.7931,
243.0883, 102.5191

 7.4216, 11.2340,
0.0000

 247.4595,
292.9063, 132.0193

 3.7758, 6.2244,
0.0000

296.9561,

 1.5761, 2.9820,

349.1042, 166.6966

0.0000

352.6486,
412.0663, 206.9696

0.3768, 1.1224,
0.0000

0.0000, 0.0000,
0.0000

60.1295, 76.2424,
18.0257

60.1295, 76.2424,
18.0257

58.5407, 75.5017,
14.5288

62.0433, 77.1208,
23.1232

57.2353, 74.8737,
12.4366

64.3077, 78.1387,
29.9779


56.1605, 74.3400,
11.4639


66.9513, 79.3105,
38.7329


56.0490, 74.2842,
11.3842


69.9984, 80.6458,
49.5156

 73.4712, 82.1536,
62.4422

 77.3902, 83.8421,
77.6200

 81.7746, 85.7188,
95.1495

 85.0896, 87.1701,
106.9485

 86.1928, 87.7388,
107.0002

Harmonies

Analogous

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



78.6240, 76.2424, 16.1229



60.1295, 76.2424, 18.0257



47.3875, 76.2424, 32.2796

Triad

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



60.1295, 76.2424, 18.0257



51.4239, 76.2424, 195.3267



115.5739, 76.2424, 101.3829

Complementary

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



60.1295, 76.2424, 18.0257



22.7078, 13.5592, 82.3138

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.



105.1230, 76.2424, 170.0910



60.1295, 76.2424, 18.0257



66.6384, 76.2424, 238.1421

Square

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



60.1295, 76.2424, 18.0257



43.0155, 76.2424, 126.5116



86.3843, 76.2424, 227.2802



112.9890, 76.2424, 50.8419

Rectangle

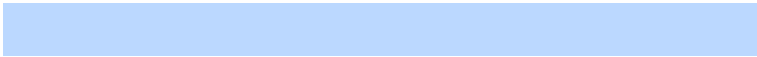
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1295, 76.2424, 18.0257



42.7959, 76.2424, 52.6298



86.3843, 76.2424, 227.2802



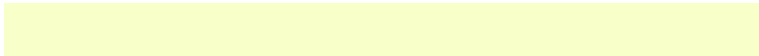
113.4083, 76.2424, 123.2939

Sweetspot

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



60.1313, 76.2459, 18.0273



85.0013, 95.6808, 69.5245



40.6694, 27.0152, 9.5506



17.9485, 20.3733, 13.9625



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.



60.1313, 76.2459, 18.0273



67.7549, 87.9629, 15.7268



41.6662, 66.7268, 17.1631



16.9021, 18.3452, 16.7999



31.3484, 41.4822, 6.3546



2.6651, 3.4804, 0.5313

Inverse Universe

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



22.7078, 13.5592, 82.3138



21.5806, 10.3415, 95.4664



36.2135, 20.5217, 82.9459



15.0945, 15.3304, 19.8851



9.0018, 3.6460, 45.3572



0.8105, 0.3351, 3.7762

Previews

White Background



This preview shows how the XYZ color 60.1295, 76.2424, 18.0257 looks on a white background.

Color Contrast Check

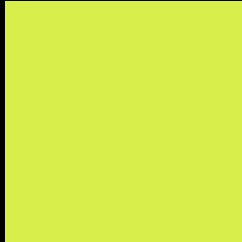
Large Text (above 18pt) WCAG AA × Fail

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 60.1295, 76.2424, 18.0257 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 60.1295, 76.2424, 18.0257

Background



This preview shows how black text looks on a background with the XYZ color 60.1295, 76.2424, 18.0257.



This preview shows how white text looks on a background with the XYZ color 60.1295, 76.2424,

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

60.1295, 76.2424, 18.0257

Protanopia

68.8417, 75.7303, 16.9503

Deuteranopia

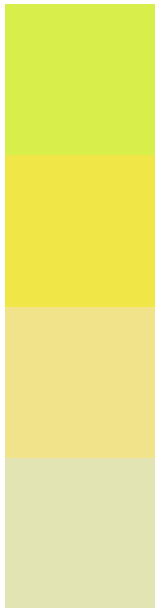
74.4732, 75.5024, 50.6927



Tritanopia

75.1282, 75.6896, 93.0880

Trichromacy



Original Color

60.1295, 76.2424, 18.0257

Protanomaly

65.4017, 75.5868, 17.2736

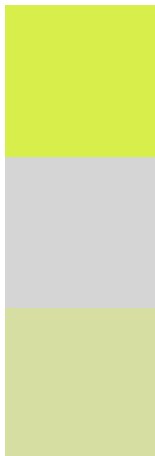
Deuteranomaly

68.3322, 75.4739, 35.0112

Tritanomaly

67.3457, 74.9508, 54.0975

Monochromacy



Original Color

60.1295, 76.2424, 18.0257

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.3744, 69.1473, 44.3471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1295, 76.2424, 18.0257 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(216, 238, 74)` looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 74)  
}
```

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(216, 238, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 74) }
```

Border

The CSS property to change the border of an element to XYZ 60.1295, 76.2424, 18.0257 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(216, 238, 74) }
```


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

```
.border{ border-color:rgb(216, 238, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 238, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 238, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 238, 74);  
box-shadow:4px 4px 4px 4px rgb(216, 238,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1295, 76.2424, 18.0257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 74) }
```

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

```
.background{ background-color: rgb(216,  
238, 74) }
```

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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