

Converting Colors

XYZ(61.0824, 74.9935, 30.6411)

Have a look what the booklet for
XYZ(61.0824, 74.9935, 30.6411)
contains.

XYZ(61.1416, 75.1935, 30.6933)	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(61.1416, 75.1935,
30.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EB7D
RGB	214, 235, 125
RGB Percent	84%, 92%, 49%
CMY	0.1608, 0.0784, 0.5098
CMYK	0.09, 0.00, 0.47, 0.08
HSL	71°, 73%, 71%
HSV	71°, 47%, 92%
XYZ	61.1416, 75.1935, 30.6933
YIQ	216.1810, 22.7940, -38.6620

Conversions

Conversions Part 2

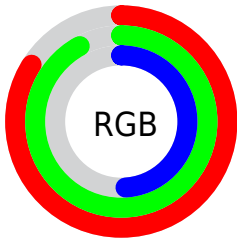
Format	Color
R _Y B	125, 235, 146
Decimal	14084989
CIE Lab	89.48, -23.05, 50.73
CIE LCh	89, 55.722, 114.434
Yxy	75.1935, 0.3661, 0.4502
Android (android.graphics.Color)	4292275069 (0xFFD6EB7D)
YUV	216.1810, -44.9522, -1.9127
Hunter-Lab	86.7142, -25.8907, 39.7137

Details

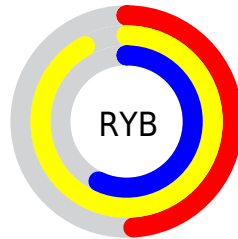
The XYZ color **61.1416, 75.1935, 30.6933** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **34.1858, 26.7783, 81.9686**, and the grayscale version is **65.6814, 69.1019, 75.2520**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **31.2273, 39.8893, 12.3569** is the 20% darker color. If you saturate the color by 10%, you get **58.5234, 73.9996, 23.6402**, and if you desaturate by 10%, it is **64.1547, 76.5548, 39.6217**.

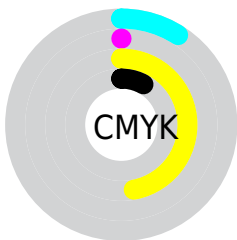
Distribution



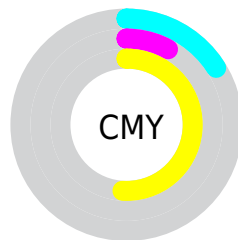
- Red (84%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (57%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1416, 75.1935, 30.6933 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 61.1416, 75.1935, 30.6933 by changing the saturation by 10% instead.

61.1416, 75.1935,
30.6933

61.1416, 75.1935,
30.6933

418.5606,
478.5824, 319.4302

44.5924, 55.7714,
20.1089

105.5809,
126.5862, 61.8308

31.3364, 40.0197,
12.2894

134.2017,
159.3257, 83.2210

21.0082, 27.5539,
6.8161

167.5771,
197.2730, 109.0502

13.2425, 17.9897,
3.2707

206.0725,
240.8127, 139.7369

7.6739, 10.9426,
1.2345

250.0532,
290.3291, 175.6997

3.9370, 6.0282,
0.0072

299.8845,

1.6666, 2.8622,

346.2066, 217.3572

0.0000

355.9319,
408.8295, 265.1278

0.4352, 1.0602,
0.0000

0.0000, 0.0000,
0.0000

61.1416, 75.1935,
30.6933

61.1416, 75.1935,
30.6933

58.5234, 73.9996,
23.6402

64.1547, 76.5548,
39.6217

56.2689, 72.9527,
18.3237


67.5806, 78.0827,
50.5414


54.3509, 72.0445,
14.5935

71.4422, 79.7892,
63.5649


52.7352, 71.2613,
12.2717


75.7595, 81.6823,
78.7948

 51.3786, 70.5858,
11.1319

 80.5508, 83.7692,
96.3269

 50.9777, 70.3839,
10.8986

 84.0102, 85.3277,
106.6498

 85.5605, 86.1269,
106.7224

 87.1488, 86.9457,
106.7967

 88.7753, 87.7842,
106.8728

Harmonies

Analogous

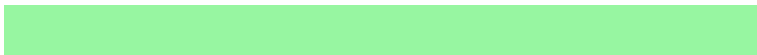
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0481, 75.1935, 27.4918



61.1416, 75.1935, 30.6933



52.1546, 75.1935, 45.4390

Triad

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



61.1416, 75.1935, 30.6933



57.2492, 75.1935, 159.6126



100.9417, 75.1935, 89.3909

Complementary

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



61.1416, 75.1935, 30.6933



34.1858, 26.7783, 81.9686

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.



95.0455, 75.1935, 133.9074



61.1416, 75.1935, 30.6933



68.9508, 75.1935, 181.9342

Square

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



61.1416, 75.1935, 30.6933



50.1160, 75.1935, 117.1135



82.8988, 75.1935, 171.2762



98.1610, 75.1935, 54.5226

Rectangle

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



61.1416, 75.1935, 30.6933



49.0271, 75.1935, 63.2936



82.8988, 75.1935, 171.2762



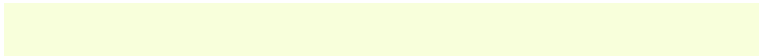
99.8881, 75.1935, 103.7730

Sweetspot

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



61.1434, 75.1969, 30.6949



87.3620, 96.6402, 81.2740



48.1162, 39.4467, 24.4810



18.4667, 20.5828, 16.5876



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.



61.1434, 75.1969, 30.6949



70.6055, 89.1444, 28.8730



47.8765, 68.3576, 30.0740



16.0536, 17.4732, 16.0453



28.4731, 39.2229, 6.0701



2.3082, 3.1173, 0.4800

Inverse Universe

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



34.1858, 26.7783, 81.9686



34.5921, 24.3819, 97.4907



46.1955, 32.9695, 82.5306



14.4996, 14.6873, 18.9930



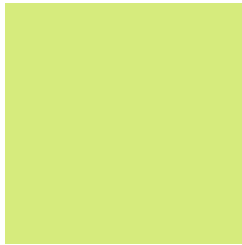
9.0243, 3.6881, 43.9792



0.7833, 0.3281, 3.4569

Previews

White Background



This preview shows how the XYZ color 61.1416, 75.1935, 30.6933 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 61.1416, 75.1935, 30.6933 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 61.1416, 75.1935, 30.6933

Background



This preview shows how black text looks on a background with the XYZ color 61.1416, 75.1935, 30.6933.



This preview shows how white text looks on a background with the XYZ color 61.1416, 75.1935,

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

61.1416, 75.1935, 30.6933

Protanopia

68.7342, 75.0051, 28.9439

Deuteranopia

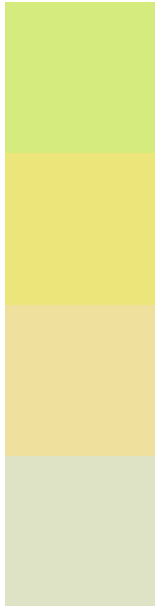
74.1479, 74.5374, 51.5534



Tritanopia

73.8444, 75.0278, 93.0279

Trichromacy



Original Color

61.1416, 75.1935, 30.6933

Protanomaly

65.7931, 75.1059, 29.4416

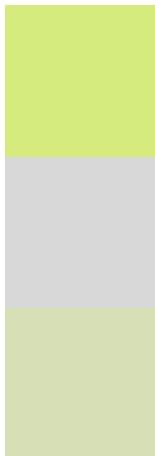
Deuteranomaly

68.6766, 74.2709, 42.6144

Tritanomaly

68.0936, 74.7034, 64.2564

Monochromacy



Original Color

61.1416, 75.1935, 30.6933

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

62.9593, 70.6413, 55.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1416, 75.1935, 30.6933 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(214, 235, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 125)  
}
```

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(214, 235, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 125) }
```

Border

The CSS property to change the border of an element to XYZ 61.1416, 75.1935, 30.6933 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(214, 235, 125) }
```


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

```
.border{ border-color:rgb(214, 235, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1416, 75.1935, 30.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 125) }
```

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

```
.background{ background-color: rgb(214,  
235, 125) }
```

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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