

Converting Colors

XYZ(53.2059, 65.6916, 30.5564)

Have a look what the booklet for
XYZ(53.2059, 65.6916, 30.5564)
contains.

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Color

**XYZ(53.3724, 65.8333,
30.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DE81
RGB	198, 222, 129
RGB Percent	78%, 87%, 51%
CMY	0.2235, 0.1294, 0.4941
CMYK	0.11, 0.00, 0.42, 0.13
HSL	75°, 58%, 69%
HSV	75°, 42%, 87%
XYZ	53.3724, 65.8333, 30.6630
YIQ	204.2220, 15.5490, -34.0110

Conversions

Conversions Part 2

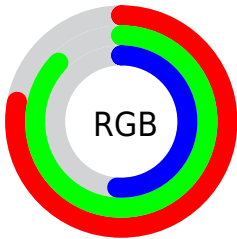
Format	Color
RYB	129, 222, 153
Decimal	13033089
CIELab	84.91, -22.46, 42.89
CIElCh	85, 48.415, 117.636
Yxy	65.8333, 0.3561, 0.4393
Android (android.graphics.Color)	4291223169 (0xFFC6DE81)
YUV	204.2220, -37.0844, -5.4567
Hunter-Lab	81.1377, -24.5737, 34.3899

Details

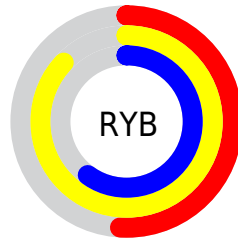
The XYZ color **53.3724, 65.8333, 30.6630** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.1746, 27.7486, 72.6659**, and the grayscale version is **57.7568, 60.7646, 66.1727**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **26.5216, 34.0271, 12.3778** is the 20% darker color. If you saturate the color by 10%, you get **50.5727, 64.5445, 23.6483**, and if you desaturate by 10%, it is **56.5531, 67.2857, 39.3716**.

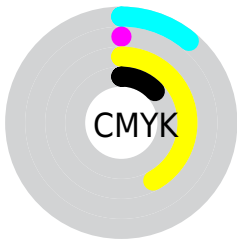
Distribution



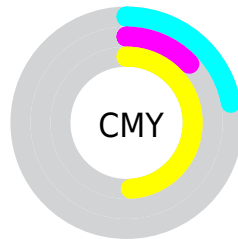
- Red (78%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3724, 65.8333, 30.6630 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 53.3724, 65.8333, 30.6630 by changing the saturation by 10% instead.


 53.3724, 65.8333,
30.6630

 53.3724, 65.8333,
30.6630


389.9498,
445.7805, 319.2857


 38.3288, 48.1371,
20.0861


 94.3144, 113.2470,
61.7825

 26.4164, 33.9355,
12.2729


 120.9436,
143.7334, 83.1620

 17.2697, 22.8440,
6.8050


 152.1653,
179.2518, 108.9796

 10.5235, 14.4784,
3.2639

188.3449,
220.1869, 139.6537

 5.8123, 8.4541,
1.2309

229.8478,
266.9229, 175.6028

 2.7709, 4.3869,
0.0041

277.0394,

 1.0338, 1.8922,

319.8442, 217.2454

0.0000

330.2849,
379.3353, 265.0002

0.0000, 0.5437,
0.0000

0.0000, 0.0000,
0.0000

53.3724, 65.8333,
30.6630

53.3724, 65.8333,
30.6630

50.5727, 64.5445,
23.6483

56.5531, 67.2857,
39.3716

48.1276, 63.4018,
18.2128


60.1297, 68.9008,
49.8704


46.0145, 62.3983,
14.2342


64.1220, 70.6889,
62.2535


44.2060, 61.5231,
11.5707


68.5469, 72.6570,
76.6073

 42.6689, 60.7627,
10.0518

 73.4205, 74.8113,
93.0127

 41.5779, 60.2129,
9.4309

 77.5755, 76.6852,
105.3208

 79.4703, 77.6620,
105.4095

 81.4263, 78.6704,
105.5010

 83.4442, 79.7106,
105.5954

Harmonies

Analogous

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



63.4384, 65.8333, 26.9747



53.3724, 65.8333, 30.6630



46.5310, 65.8333, 44.1834

Triad

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



53.3724, 65.8333, 30.6630



52.0410, 65.8333, 135.0375



85.8572, 65.8333, 74.1781

Complementary

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



53.3724, 65.8333, 30.6630



34.1746, 27.7486, 72.6659

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.



81.9327, 65.8333, 108.7221



53.3724, 65.8333, 30.6630



61.7146, 65.8333, 149.6349

Square

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



53.3724, 65.8333, 30.6630



45.8272, 65.8333, 103.1753



72.7736, 65.8333, 138.8376



82.9687, 65.8333, 47.3528

Rectangle

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



53.3724, 65.8333, 30.6630



44.3013, 65.8333, 59.6164



72.7736, 65.8333, 138.8376



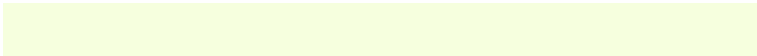
85.2820, 65.8333, 85.2731

Sweetspot

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



53.3740, 65.8362, 30.6644



87.0865, 96.4590, 83.0304



45.3579, 39.6543, 26.0333



18.3725, 20.5266, 16.9312



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.



53.3740, 65.8362, 30.6644



69.7753, 88.6092, 33.6757



43.0817, 60.5304, 30.1827



14.5084, 15.8422, 14.6000



24.8036, 35.8193, 5.6065



1.8011, 2.5250, 0.3924

Inverse Universe

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



34.1746, 27.7486, 72.6659



40.2834, 30.0441, 98.2837



44.5243, 33.0841, 73.1502



13.2821, 13.4134, 17.2767



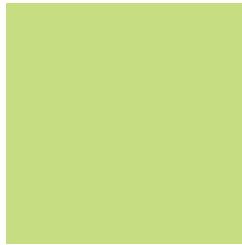
8.9321, 3.7000, 41.2918



0.7016, 0.2990, 2.8660

Previews

White Background



This preview shows how the XYZ color 53.3724, 65.8333, 30.6630 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 53.3724, 65.8333, 30.6630 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 53.3724, 65.8333, 30.6630

Background



This preview shows how black text looks on a background with the XYZ color 53.3724, 65.8333, 30.6630.



This preview shows how white text looks on a background with the XYZ color 53.3724, 65.8333,

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

53.3724, 65.8333, 30.6630

Protanopia

60.5239, 65.7234, 28.8980

Deuteranopia

66.7337, 65.2503, 31.9990



Tritanopia

63.4901, 65.3409, 81.9388

Trichromacy



Original Color

53.3724, 65.8333, 30.6630

Protanomaly

57.8370, 65.8337, 29.3975

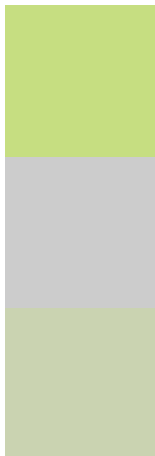
Deuteranomaly

60.9658, 64.7868, 31.4822

Tritanomaly

58.9041, 64.9765, 58.7274

Monochromacy



Original Color

53.3724, 65.8333, 30.6630

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5872, 62.3194, 50.6941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3724, 65.8333, 30.6630 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(198, 222, 129)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 129)  
}
```

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(198, 222, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 129) }
```

Border

The CSS property to change the border of an element to XYZ 53.3724, 65.8333, 30.6630 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(198, 222, 129) }
```


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

```
.border{ border-color:rgb(198, 222, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 129);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3724, 65.8333, 30.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 129) }
```

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

```
.background{ background-color: rgb(198,  
222, 129) }
```

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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