

Converting Colors

XYZ(53.0714, 65.6580, 13.4177)

Have a look what the booklet for
XYZ(53.0714, 65.6580, 13.4177)
contains.

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Color

**XYZ(53.1006, 65.6809,
13.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DD36
RGB	210, 221, 54
RGB Percent	82%, 87%, 21%
CMY	0.1765, 0.1333, 0.7882
CMYK	0.05, 0.00, 0.76, 0.13
HSL	64°, 71%, 54%
HSV	64°, 76%, 87%
XYZ	53.1006, 65.6809, 13.3690
YIQ	198.6730, 47.0510, -54.2690

Conversions

Conversions Part 2

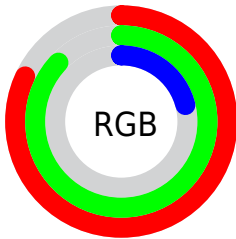
Format	Color
RYB	54, 221, 65
Decimal	13819190
CIELab	84.83, -22.82, 74.45
CIELCh	85, 77.865, 107.044
Yxy	65.6809, 0.4018, 0.4970
Android (android.graphics.Color)	4292009270 (0xFFD2DD36)
YUV	198.6730, -71.3238, 9.9338
Hunter-Lab	81.0438, -24.8718, 46.9501

Details

The XYZ color **53.1006, 65.6809, 13.3690** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **16.5523, 8.9840, 69.2724**, and the grayscale version is **54.4899, 57.3276, 62.4298**.

A 20% lighter version of the original color is **80.0373, 93.9949, 29.8440**, and **26.5851, 33.9478, 5.1514** is the 20% darker color. If you saturate the color by 10%, you get **52.2827, 65.3085, 11.2100**, and if you desaturate by 10%, it is **54.1610, 66.1556, 16.7718**.

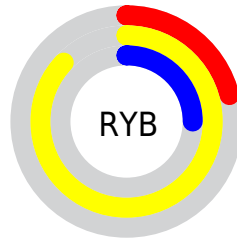
Distribution



Red (82%)

Green (87%)

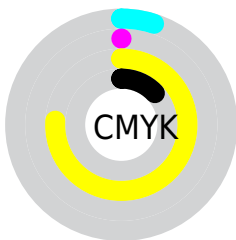
Blue (21%)



Red (21%)

Yellow (87%)

Blue (25%)

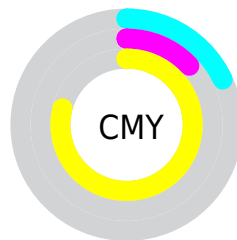


Cyan (5%)

Magenta (0%)

Yellow (76%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1006, 65.6809, 13.3690 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 53.1006, 65.6809, 13.3690 by changing the saturation by 10% instead.

■ 53.1006, 65.6809,
13.3690

■ 53.1006, 65.6809,
13.3690

388.9255,
445.2348, 224.5594

■ 38.1109, 48.0134,
7.5494

■ 93.9170, 113.0282,
32.6660

■ 26.2464, 33.8375,
3.7244

■ 120.4745,
143.4768, 46.9805

■ 17.1417, 22.7688,
1.4754

■ 151.6185,
178.9546, 64.9637

■ 10.4315, 14.4229,
0.1995

■ 187.7146,
219.8460, 87.0342

■ 5.7504, 8.4154,
0.0000

■ 229.1279,
266.5353, 113.6104

■ 2.7331, 4.3619,
0.0000

276.2240,

■ 1.0143, 1.8780,

319.4069, 145.1110

0.0000

329.3680,
378.8453, 181.9545

0.0000, 0.5351,
0.0000

0.0000, 0.0000,
0.0000

53.1006, 65.6809,
13.3690

53.1006, 65.6809,
13.3690

52.2827, 65.3085,
11.2100

54.1610, 66.1556,
16.7718

51.6678, 65.0153,
10.1076

55.4876, 66.7348,
21.5634

51.4338, 64.9008,
9.8163

57.1063, 67.4313,
27.8734

59.0387, 68.2537,
35.8152

■ 61.3043, 69.2098,
45.4916

■ 63.9209, 70.3068,
56.9969

■ 66.9053, 71.5513,
70.4186

■ 70.2730, 72.9496,
85.8387

■ 74.0386, 74.5075,
103.3343

Harmonies

Analogous

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



70.2565, 65.6809, 12.7973



53.1006, 65.6809, 13.3690



40.9504, 65.6809, 23.9866

Triad

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



53.1006, 65.6809, 13.3690



42.2415, 65.6809, 167.4152



101.1673, 65.6809, 95.2951

Complementary

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



53.1006, 65.6809, 13.3690



16.5523, 8.9840, 69.2724

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.



90.3447, 65.6809, 159.0141



53.1006, 65.6809, 13.3690



55.2033, 65.6809, 211.9832

Square

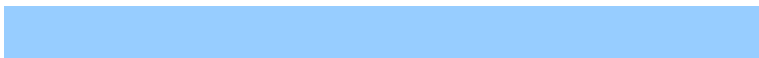
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1006, 65.6809, 13.3690



35.5297, 65.6809, 103.5399



72.7877, 65.6809, 208.3432



100.3150, 65.6809, 46.8857

Rectangle

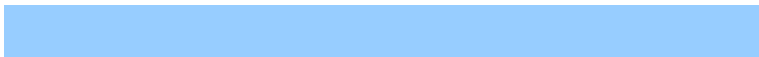
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1006, 65.6809, 13.3690



36.3488, 65.6809, 40.2029



72.7877, 65.6809, 208.3432



98.7001, 65.6809, 115.9215

Sweetspot

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



53.1021, 65.6839, 13.3704



85.5958, 96.0557, 66.4629



32.2287, 19.1237, 5.4835



18.0561, 20.4485, 13.0747



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.



53.1021, 65.6839, 13.3704



71.7495, 90.0555, 14.4088



35.6011, 56.6618, 12.5513



14.0731, 15.2179, 13.9212



29.9149, 37.7192, 5.7038



1.9641, 2.4571, 0.3707

Inverse Universe

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



16.5523, 8.9840, 69.2724



19.1638, 8.2475, 95.1896



26.1999, 13.9576, 69.7239



12.4178, 12.6580, 16.4409



7.7254, 3.1067, 39.9309



0.5290, 0.2160, 2.5883

Previews

White Background



This preview shows how the XYZ color 53.1006, 65.6809, 13.3690 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 53.1006, 65.6809, 13.3690 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 53.1006, 65.6809, 13.3690

Background



This preview shows how black text looks on a background with the XYZ color 53.1006, 65.6809, 13.3690.



This preview shows how white text looks on a background with the XYZ color 53.1006, 65.6809,

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

53.1006, 65.6809, 13.3690

Protanopia

59.4232, 65.5120, 12.7620

Deuteranopia

65.7483, 65.2328, 25.6489



Tritanopia

66.3075, 65.4241, 78.2406

Trichromacy



Original Color

53.1006, 65.6809, 13.3690

Protanomaly

56.9380, 65.3519, 12.9814

Deuteranomaly

60.6190, 65.2342, 19.7524

Tritanomaly

59.2425, 64.3774, 43.0219

Monochromacy



Original Color

53.1006, 65.6809, 13.3690

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.1297, 59.3975, 35.9115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1006, 65.6809, 13.3690 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(210, 221, 54)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 54)  
}
```

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(210, 221, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 54) }
```

Border

The CSS property to change the border of an element to XYZ 53.1006, 65.6809, 13.3690 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(210, 221, 54) }
```


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

```
.border{ border-color:rgb(210, 221, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 221, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 54);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1006, 65.6809, 13.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 54) }
```

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

```
.background{ background-color: rgb(210,  
221, 54) }
```

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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