

Converting Colors

XYZ(53.0225, 63.5687, 19.3729)

Have a look what the booklet for
XYZ(53.0225, 63.5687, 19.3729)
contains.

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Color

**XYZ(53.0225, 63.5687,
19.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D85B
RGB	210, 216, 91
RGB Percent	82%, 85%, 36%
CMY	0.1765, 0.1529, 0.6431
CMYK	0.03, 0.00, 0.58, 0.15
HSL	63°, 62%, 60%
HSV	63°, 58%, 85%
XYZ	53.0225, 63.5687, 19.3729
YIQ	199.9560, 36.5490, -40.1470

Conversions

Conversions Part 2

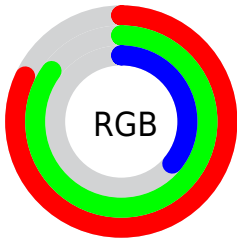
Format	Color
RYB	91, 216, 97
Decimal	13817947
CIELab	83.74, -18.32, 59.48
CIELCh	84, 62.234, 107.115
Yxy	63.5687, 0.3900, 0.4675
Android (android.graphics.Color)	4292008027 (0xFFD2D85B)
YUV	199.9560, -53.7153, 8.8086
Hunter-Lab	79.7300, -20.8204, 41.4046

Details

The XYZ color **53.0225, 63.5687, 19.3729** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.0676, 14.9829, 66.7512**, and the grayscale version is **55.1787, 58.0523, 63.2189**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **26.1851, 32.3834, 6.4606** is the 20% darker color. If you saturate the color by 10%, you get **51.9277, 63.0991, 15.1385**, and if you desaturate by 10%, it is **54.3904, 64.1524, 25.0222**.

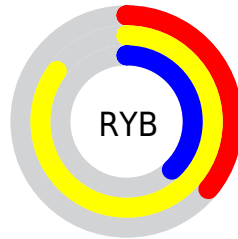
Distribution



Red (82%)

Green (85%)

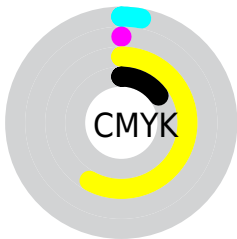
Blue (36%)



Red (36%)

Yellow (85%)

Blue (38%)

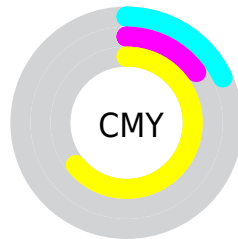


Cyan (3%)

Magenta (0%)

Yellow (58%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0225, 63.5687, 19.3729 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 53.0225, 63.5687, 19.3729 by changing the saturation by 10% instead.

■ 53.0225, 63.5687,
19.3729

■ 53.0225, 63.5687,
19.3729

388.6309,
437.6305, 260.9907

■ 38.0483, 46.3014,
11.7605

■ 93.8028, 109.9896,
43.2083

■ 26.1975, 32.4838,
6.4603

■ 120.3396,
139.9119, 60.2684

■ 17.1049, 21.7313,
3.0536

■ 151.4613,
174.8215, 81.3149

■ 10.4051, 13.6596,
1.1221

■ 187.5333,
215.1026, 106.7662

■ 5.7327, 7.8843,
0.0000

228.9209,
261.1397, 137.0408

■ 2.7223, 4.0210,
0.0000

275.9894,

■ 1.0087, 1.6853,

313.3171, 172.5575

0.0000

329.1043,
372.0192, 213.7346

■ 0.0000, 0.4141,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0225, 63.5687,
19.3729

■ 53.0225, 63.5687,
19.3729

■ 51.9277, 63.0991,
15.1385

■ 54.3904, 64.1524,
25.0222

■ 51.0777, 62.7253,
12.1901


■ 56.0478, 64.8499,
32.1924


■ 50.4463, 62.4391,
10.3823


■ 58.0150, 65.6714,
40.9842


■ 49.9939, 62.2248,
9.5078


■ 60.3093, 66.6241,
51.4885


 49.9074, 62.1831,
9.3721

 62.9467, 67.7142,
63.7892

 65.9421, 68.9477,
77.9651

 69.3096, 70.3303,
94.0900

 71.6114, 71.2868,
104.5931

 71.9233, 71.4476,
104.6077

Harmonies

Analogous

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



66.4622, 63.5687, 18.7651



53.0225, 63.5687, 19.3729



43.1614, 63.5687, 29.6368

Triad

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



53.0225, 63.5687, 19.3729



44.2651, 63.5687, 140.1683



89.7777, 63.5687, 87.3614

Complementary

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



53.0225, 63.5687, 19.3729



21.0676, 14.9829, 66.7512

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.



81.7574, 63.5687, 133.9835



53.0225, 63.5687, 19.3729



54.7559, 63.5687, 171.3520

Square

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



53.0225, 63.5687, 19.3729



38.6525, 63.5687, 93.7695



68.4757, 63.5687, 168.7381



89.1266, 63.5687, 49.3722

Rectangle

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



53.0225, 63.5687, 19.3729



39.3270, 63.5687, 43.9122



68.4757, 63.5687, 168.7381



87.9611, 63.5687, 102.7443

Sweetspot

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



53.0240, 63.5716, 19.3742



88.0774, 97.1229, 76.1605



34.3166, 23.5703, 12.6392



18.6971, 20.7241, 15.5851



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.



53.0240, 63.5716, 19.3742



75.3708, 91.7769, 21.1489



38.9020, 56.2915, 18.7133



13.4111, 14.4881, 13.2504



29.5654, 36.8178, 5.5483



1.8018, 2.2302, 0.3355

Inverse Universe

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



21.0676, 14.9829, 66.7512



24.8273, 14.8698, 96.1694



30.1728, 19.6768, 67.1773



11.7973, 12.0369, 15.6391



7.4392, 2.9875, 38.6377



0.4686, 0.1904, 2.3314

Previews

White Background



This preview shows how the XYZ color 53.0225, 63.5687, 19.3729 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 53.0225, 63.5687, 19.3729 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 53.0225, 63.5687, 19.3729

Background



This preview shows how black text looks on a background with the XYZ color 53.0225, 63.5687, 19.3729.



This preview shows how white text looks on a background with the XYZ color 53.0225, 63.5687,

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

53.0225, 63.5687, 19.3729

Protanopia

57.8823, 63.4780, 18.6529

Deuteranopia

64.3702, 63.1896, 22.9915



Tritanopia

64.5735, 63.5143, 75.8739

Trichromacy



Original Color

53.0225, 63.5687, 19.3729

Protanomaly

56.1294, 63.6724, 19.0045

Deuteranomaly

59.8262, 62.9727, 21.5721

Tritanomaly

58.9157, 62.9957, 48.0839

Monochromacy



Original Color

53.0225, 63.5687, 19.3729

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3183, 59.5180, 41.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0225, 63.5687, 19.3729 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, 216, 91)` looks like.

```
.text, #text, p{  
    color:rgb(210, 216, 91)  
}
```

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, 216, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 216, 91) }
```

Border

The CSS property to change the border of an element to XYZ 53.0225, 63.5687, 19.3729 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, 216, 91) }
```


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

```
.border{ border-color:rgb(210, 216, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 216, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 216, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 216, 91);  
box-shadow:4px 4px 4px 4px rgb(210, 216,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0225, 63.5687, 19.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 216, 91) }
```

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

```
.background{ background-color: rgb(210,  
216, 91) }
```

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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