

Converting Colors

XYZ(48.6683, 53.1460, 19.0176)

Have a look what the booklet for
XYZ(48.6683, 53.1460, 19.0176)
contains.

XYZ(48.6682, 53.1491, 19.0030)	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(48.6682, 53.1491,
19.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C161
RGB	213, 193, 97
RGB Percent	84%, 76%, 38%
CMY	0.1647, 0.2431, 0.6196
CMYK	0.00, 0.09, 0.54, 0.16
HSL	50°, 58%, 61%
HSV	50°, 54%, 84%
XYZ	48.6682, 53.1491, 19.0030
YIQ	188.0360, 42.7360, -25.6160

Conversions

Conversions Part 2

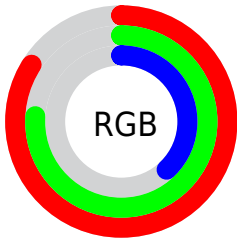
Format	Color
RYB	121, 213, 97
Decimal	14008673
CIELab	77.96, -5.00, 50.24
CIELCh	78, 50.485, 95.685
Yxy	53.1491, 0.4028, 0.4399
Android (android.graphics.Color)	4292198753 (0xFFD5C161)
YUV	188.0360, -44.8807, 21.8934
Hunter-Lab	72.9034, -8.4196, 35.5779

Details

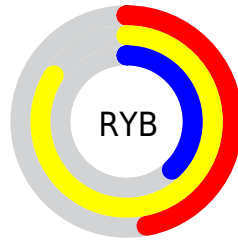
The XYZ color **48.6682, 53.1491, 19.0030** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.3012, 20.0675, 65.5959**, and the grayscale version is **48.0516, 50.5540, 55.0533**.

A 20% lighter version of the original color is **80.6207, 91.2134, 42.2109**, and **23.5620, 26.0135, 6.2619** is the 20% darker color. If you saturate the color by 10%, you get **47.0042, 51.2029, 14.1892**, and if you desaturate by 10%, it is **50.6215, 55.2473, 25.2298**.

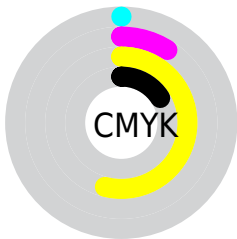
Distribution



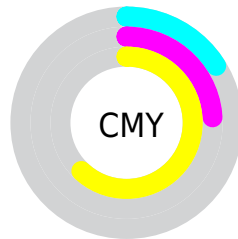
- Red (84%)
- Green (76%)
- Blue (38%)



- Red (47%)
- Yellow (84%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6682, 53.1491, 19.0030 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 48.6682, 53.1491, 19.0030 by changing the saturation by 10% instead.

■ 48.6682, 53.1491,
19.0030

■ 48.6682, 53.1491,
19.0030

371.9733,
398.8569, 258.8886

■ 34.5698, 37.9218,
11.4956

■ 87.4021, 94.8237,
42.5759

■ 23.4966, 25.9220,
6.2829

■ 112.7684,
122.0399, 59.4786

■ 15.0834, 16.7653,
2.9463

■ 142.6213,
154.0211, 80.3500

■ 8.9646, 10.0673,
1.0673

■ 177.3263,
191.1517, 105.6088

■ 4.7750, 5.4436,
0.0000

217.2486,
233.8162, 135.6736

■ 2.1493, 2.5098,
0.0000

262.7536,

■ 0.7158, 0.8815,

282.3990, 170.9627

0.0000

314.2067,
337.2844, 211.8949

0.0000, 0.0000,
0.0000

48.6682, 53.1491,
19.0030

48.6682, 53.1491,
19.0030

47.0042, 51.2029,
14.1892

50.6215, 55.2473,
25.2298

45.6038, 49.3921,
10.6699

52.8799, 57.4980,
32.9688

44.4426, 47.7088,
8.3128

55.4625, 59.9110,
42.3140

43.4898, 46.1404,
6.9554

58.3856, 62.4932,
53.3510

43.0218, 45.3088,
6.4780

61.6644, 65.2508,
66.1591

■ 65.3133, 68.1898,
80.8126

■ 69.3455, 71.3157,
97.3818

■ 71.7120, 73.8091,
105.0747

■ 72.7000, 75.7851,
105.4040

Harmonies

Analogous

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



58.7010, 53.1491, 21.2432



48.6682, 53.1491, 19.0030



40.2788, 53.1491, 24.1111

Triad

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



48.6682, 53.1491, 19.0030



36.6739, 53.1491, 95.5146



69.7615, 53.1491, 83.1274

Complementary

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



48.6682, 53.1491, 19.0030



23.3012, 20.0675, 65.5959

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.



62.3570, 53.1491, 113.8751



48.6682, 53.1491, 19.0030



43.1307, 53.1491, 122.5004

Square

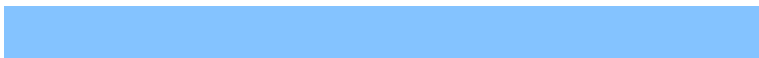
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.6682, 53.1491, 19.0030



33.9539, 53.1491, 63.3972



52.4113, 53.1491, 130.1264



71.7427, 53.1491, 52.6744

Rectangle

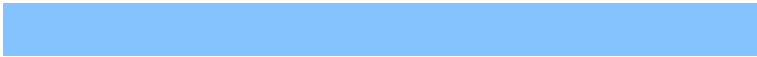
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.6682, 53.1491, 19.0030



36.4649, 53.1491, 32.4152



52.4113, 53.1491, 130.1264



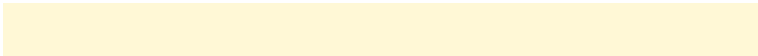
67.7812, 53.1491, 94.0415

Sweetspot

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



48.6695, 53.1516, 19.0041



86.9605, 93.2400, 77.1661



35.0014, 24.0104, 20.0131



18.4123, 19.7819, 15.7523



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.



48.6695, 53.1516, 19.0041



70.3672, 76.6124, 20.5853



43.9170, 57.7127, 20.1350



13.2822, 14.1387, 13.1897



26.3460, 27.8093, 3.9792



1.6382, 1.7756, 0.2564

Inverse Universe

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



23.3012, 20.0675, 65.5959



28.6511, 22.2707, 97.3963



26.0745, 18.4006, 65.1279



11.9139, 12.3513, 15.6936



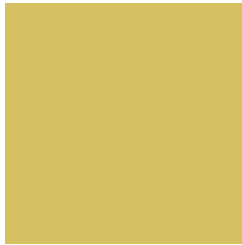
7.7868, 3.8355, 38.7831



0.5236, 0.3392, 2.3572

Previews

White Background



This preview shows how the XYZ color 48.6682, 53.1491, 19.0030 looks on a white background.

Color Contrast Check

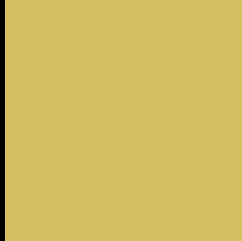
Large Text (above 18pt) WCAG AA × Fail

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 48.6682, 53.1491, 19.0030 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 48.6682, 53.1491, 19.0030

Background



This preview shows how black text looks on a background with the XYZ color 48.6682, 53.1491, 19.0030.



This preview shows how white text looks on a background with the XYZ color 48.6682, 53.1491,

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

48.6682, 53.1491, 19.0030

Protanopia

48.6682, 53.1491, 19.0030

Deuteranopia

54.3177, 53.1864, 19.2075



Tritanopia

56.8160, 52.9710, 59.4545

Trichromacy



Original Color

48.6682, 53.1491, 19.0030

Protanomaly

48.6682, 53.1491, 19.0030

Deuteranomaly

51.9698, 52.9165, 19.0301

Tritanomaly

53.1175, 52.7159, 40.6333

Monochromacy



Original Color

48.6682, 53.1491, 19.0030

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.3558, 51.0638, 38.3707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6682, 53.1491, 19.0030 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(213, 193, 97)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 97)  
}
```

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(213, 193, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 97) }
```

Border

The CSS property to change the border of an element to XYZ 48.6682, 53.1491, 19.0030 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(213, 193, 97) }
```


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

```
.border{ border-color:rgb(213, 193, 97) }
```

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

Here you see how a box with a 4 pixel rgb(213, 193, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 97);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6682, 53.1491, 19.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 97) }
```

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

```
.background{ background-color: rgb(213,  
193, 97) }
```

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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