

Converting Colors

XYZ(47.9834, 55.5710, 18.0948)

Have a look what the booklet for
XYZ(47.9834, 55.5710, 18.0948)
contains.

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Color

**XYZ(47.9518, 55.5078,
18.0843)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDC95B |
| RGB | 205, 201, 91 |
| RGB Percent | 80%, 79%, 36% |
| CMY | 0.1961, 0.2117, 0.6431 |
| CMYK | 0.00, 0.02, 0.56, 0.20 |
| HSL | 58°, 53%, 58% |
| HSV | 58°, 56%, 80% |
| XYZ | 47.9518, 55.5078, 18.0843 |
| YIQ | 189.6560, 37.6940, -33.3620 |

Conversions

Conversions Part 2

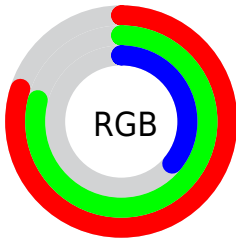
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 95, 205, 91 |
| Decimal | 13486427 |
| CIELab | 79.33, -12.88, 54.43 |
| CIElCh | 79, 55.933, 103.312 |
| Yxy | 55.5078, 0.3945, 0.4567 |
| Android (android.graphics.Color) | 4291676507 (0xFFC9C95B) |
| YUV | 189.6560, -48.6374, 13.4567 |
| Hunter-Lab | 74.5036, -15.4955, 37.7610 |

Details

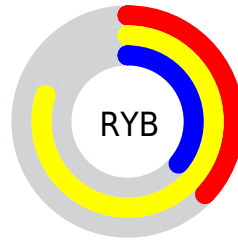
The XYZ color **47.9518, 55.5078, 18.0843** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **19.4260, 14.8159, 59.5932**, and the grayscale version is **49.0025, 51.5545, 56.1428**.

A 20% lighter version of the original color is **82.0340, 94.7936, 40.3589**, and **22.9804, 27.2969, 5.8079** is the 20% darker color. If you saturate the color by 10%, you get **47.0191, 54.8695, 13.9907**, and if you desaturate by 10%, it is **49.1295, 56.2495, 23.4524**.

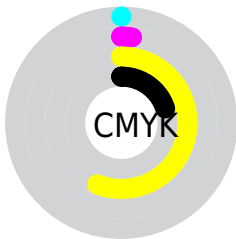
Distribution



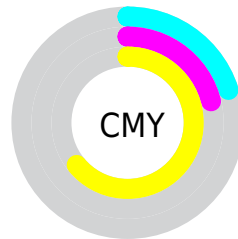
- Red (80%)
- Green (79%)
- Blue (36%)



- Red (37%)
- Yellow (80%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (56%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9518, 55.5078, 18.0843 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 47.9518, 55.5078, 18.0843 by changing the saturation by 10% instead.

■ 47.9518, 55.5078,
18.0843

■ 47.9518, 55.5078,
18.0843

369.1868,
407.8339, 253.5978

■ 33.9998, 39.8084,
10.8405

■ 86.3428, 98.2846,
40.9968

■ 23.0563, 27.3892,
5.8468

■ 111.5124,
126.1307, 57.5025

■ 14.7560, 17.8657,
2.6849

■ 141.1521,
158.7947, 77.9326

■ 8.7335, 10.8536,
0.9358

■ 175.6270,
196.6607, 102.7057

■ 4.6235, 5.9685,
0.0000

215.3026,
240.1132, 132.2402

■ 2.0606, 2.8259,
0.0000

260.5442,

■ 0.6676, 1.0415,

289.5367, 166.9547

0.0000

311.7171,
345.3155, 207.2677

■ 0.0000, 0.0000,
0.0000

■ 47.9518, 55.5078,
18.0843

■ 47.9518, 55.5078,
18.0843

■ 47.0191, 54.8695,
13.9907

■ 49.1295, 56.2495,
23.4524

■ 46.3071, 54.3187,
11.0619

■ 50.5662, 57.0939,
30.1860

■ 45.7939, 53.8486,
9.1755

■ 52.2793, 58.0502,
38.3717

■ 45.4505, 53.4477,
8.1795

■ 54.2838, 59.1243,
48.0878

■ 45.3291, 53.2838,
7.8957

■ 56.5935, 60.3217,
59.4072

■ 59.2214, 61.6477,
72.3982

■ 62.1796, 63.1071,
87.1249

■ 65.4793, 64.7043,
103.6458

■ 65.6534, 65.0525,
103.7038

Harmonies

Analogous

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



59.1901, 55.5078, 18.5085



47.9518, 55.5078, 18.0843



39.3169, 55.5078, 25.7423

Triad

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



47.9518, 55.5078, 18.0843



38.5838, 55.5078, 113.4117



76.2027, 55.5078, 79.9443

Complementary

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



47.9518, 55.5078, 18.0843



19.4260, 14.8159, 59.5932

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.



68.9599, 55.5078, 117.3675



47.9518, 55.5078, 18.0843



46.8106, 55.5078, 140.8982

Square

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



47.9518, 55.5078, 18.0843



34.4478, 55.5078, 75.7874



57.8761, 55.5078, 142.5589



76.6233, 55.5078, 47.3160

Rectangle

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



47.9518, 55.5078, 18.0843



35.7558, 55.5078, 36.7464



57.8761, 55.5078, 142.5589



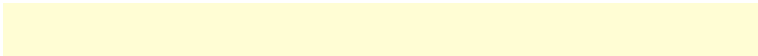
74.4431, 55.5078, 92.6014

Sweetspot

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



47.9531, 55.5104, 18.0854



88.3570, 96.5506, 76.0353



31.0619, 21.3193, 13.7147



18.7640, 20.5872, 15.5551



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.



47.9531, 55.5104, 18.0854



76.7262, 89.6627, 21.6811



36.9893, 51.2585, 17.8426



12.1188, 13.0266, 11.9551



28.2345, 33.2019, 4.9205



1.4673, 1.7344, 0.2574

Inverse Universe

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



19.4260, 14.8159, 59.5932



25.3872, 16.4470, 96.4443



25.9679, 17.6680, 59.7989



10.6327, 10.9059, 14.1150



6.9230, 2.8701, 36.1454



0.3684, 0.1707, 1.8685

Previews

White Background



This preview shows how the XYZ color 47.9518, 55.5078, 18.0843 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 47.9518, 55.5078, 18.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

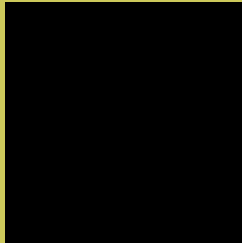
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9518, 55.5078, 18.0843

Background



This preview shows how black text looks on a background with the XYZ color 47.9518, 55.5078, 18.0843.



This preview shows how white text looks on a background with the XYZ color 47.9518, 55.5078,

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

47.9518, 55.5078, 18.0843

Protanopia

50.7252, 55.5761, 17.7266

Deuteranopia

56.4538, 55.2441, 18.5142



Tritanopia

57.4156, 55.3538, 64.7850

Trichromacy



Original Color

47.9518, 55.5078, 18.0843

Protanomaly

49.4801, 55.2725, 17.7336

Deuteranomaly

53.1831, 55.1654, 18.4346

Tritanomaly

52.8322, 54.7813, 42.4396

Monochromacy



Original Color

47.9518, 55.5078, 18.0843

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.6302, 52.5188, 38.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9518, 55.5078, 18.0843 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(205, 201, 91)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 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(205, 201, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 91) }
```

Border

The CSS property to change the border of an element to XYZ 47.9518, 55.5078, 18.0843 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(205, 201, 91) }
```


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

```
.border{ border-color:rgb(205, 201, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 91);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9518, 55.5078, 18.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 91) }
```

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

```
.background{ background-color: rgb(205,  
201, 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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