

Converting Colors

XYZ(47.4952, 57.4062, 31.1971)

Have a look what the booklet for
XYZ(47.4952, 57.4062, 31.1971)
contains.

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Color

**XYZ(47.5980, 57.5243,
31.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD086
RGB	188, 208, 134
RGB Percent	74%, 82%, 53%
CMY	0.2627, 0.1843, 0.4745
CMYK	0.10, 0.00, 0.36, 0.18
HSL	76°, 44%, 67%
HSV	76°, 36%, 82%
XYZ	47.5980, 57.5243, 31.1489
YIQ	193.5840, 11.8340, -27.2540

Conversions

Conversions Part 2

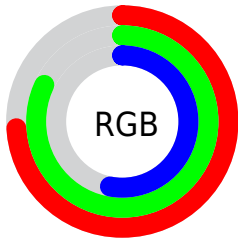
Format	Color
RYB	134, 208, 154
Decimal	12374150
CIELab	80.47, -18.78, 34.55
CIELCh	80, 39.324, 118.522
Yxy	57.5243, 0.3493, 0.4221
Android (android.graphics.Color)	4290564230 (0xFFBCD086)
YUV	193.5840, -29.3749, -4.8972
Hunter-Lab	75.8448, -20.7069, 28.7414

Details

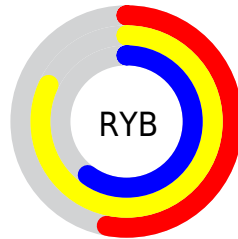
The XYZ color **47.5980, 57.5243, 31.1489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2389, 28.4758, 63.4222**, and the grayscale version is **51.1967, 53.8629, 58.6567**.

A 20% lighter version of the original color is **82.4933, 94.5633, 61.4816**, and **22.9485, 28.8041, 12.5338** is the 20% darker color. If you saturate the color by 10%, you get **44.9298, 56.3021, 24.1817**, and if you desaturate by 10%, it is **50.6085, 58.8936, 39.6238**.

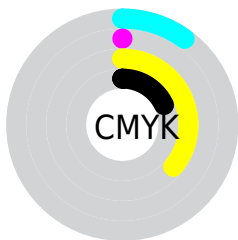
Distribution



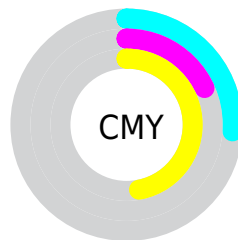
- Red (74%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5980, 57.5243, 31.1489 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 47.5980, 57.5243, 31.1489 by changing the saturation by 10% instead.

■ 47.5980, 57.5243,
31.1489

■ 47.5980, 57.5243,
31.1489

367.8056,
415.4110, 321.5961

■ 33.7186, 41.4263,
20.4528

■ 85.8189, 101.2298,
62.5567

■ 22.8393, 28.6524,
12.5373

■ 110.8911,
129.6061, 84.1056

■ 14.5950, 18.8180,
6.9838

■ 140.4249,
162.8440, 110.1092

■ 8.6201, 11.5388,
3.3737

174.7856,
201.3279, 140.9859

■ 4.5493, 6.4305,
1.2884

214.3387,
245.4422, 177.1545

■ 2.0174, 3.1086,
0.0523

259.4495,

■ 0.6437, 1.1887,

295.5712, 219.0333

0.0000

310.4834,
352.0993, 267.0410

■ 0.0000, 0.0524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.5980, 57.5243,
31.1489

■ 47.5980, 57.5243,
31.1489

■ 44.9298, 56.3021,
24.1817

■ 50.6085, 58.8936,
39.6238

■ 42.5821, 55.2122,
18.6301


■ 53.9729, 60.4088,
49.6842


■ 40.5371, 54.2496,
14.3975


■ 57.7076, 62.0786,
61.4067


■ 38.7734, 53.4054,
11.3736


■ 61.8266, 63.9085,
74.8620


 37.2659, 52.6697,
9.4304


 66.3431, 65.9038,
90.1166


 35.9841, 52.0302,
8.4104

 70.6509, 67.8223,
103.9751

 35.4642, 51.7680,
8.1231

 72.3993, 68.7237,
104.0569

 74.2058, 69.6549,
104.1414

 76.0707, 70.6163,
104.2287

Harmonies

Analogous

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



55.0762, 57.5243, 27.8944



47.5980, 57.5243, 31.1489



42.4847, 57.5243, 42.1834

Triad

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



47.5980, 57.5243, 31.1489



46.9689, 57.5243, 108.6720



71.6933, 57.5243, 63.7871

Complementary

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



47.5980, 57.5243, 31.1489



33.2389, 28.4758, 63.4222

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.



68.9993, 57.5243, 88.8122



47.5980, 57.5243, 31.1489



54.2760, 57.5243, 118.3646

Square

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



47.5980, 57.5243, 31.1489



42.1474, 57.5243, 86.3306



62.4211, 57.5243, 110.3350



69.4676, 57.5243, 43.7269

Rectangle

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



47.5980, 57.5243, 31.1489



40.8393, 57.5243, 54.2036



62.4211, 57.5243, 110.3350



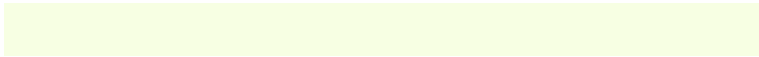
71.3284, 57.5243, 71.8965

Sweetspot

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



47.5994, 57.5269, 31.1501



88.1234, 96.9134, 86.6984



41.8292, 38.1562, 27.7153



18.6904, 20.6667, 18.0213



0.0000, 0.0000, 0.0000



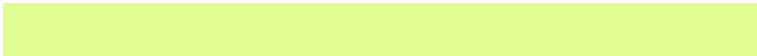
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.5994, 57.5269, 31.1501



72.0613, 89.6405, 40.4341



39.6729, 53.4406, 30.7792



12.4787, 13.6302, 12.5852



22.1986, 32.3127, 5.0670



1.3148, 1.8447, 0.2868

Inverse Universe

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



33.2389, 28.4758, 63.4222



45.9061, 36.6908, 99.2703



41.3311, 32.6475, 63.8009



11.4593, 11.5701, 14.8729



8.2000, 3.4075, 37.4180



0.5352, 0.2300, 2.0958

Previews

White Background



This preview shows how the XYZ color 47.5980, 57.5243, 31.1489 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 47.5980, 57.5243, 31.1489 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

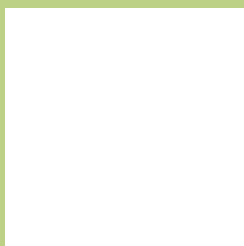
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5980, 57.5243, 31.1489

Background



This preview shows how black text looks on a background with the XYZ color 47.5980, 57.5243, 31.1489.



This preview shows how white text looks on a background with the XYZ color 47.5980, 57.5243,

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

47.5980, 57.5243, 31.1489

Protanopia

53.1354, 57.2373, 29.7201

Deuteranopia

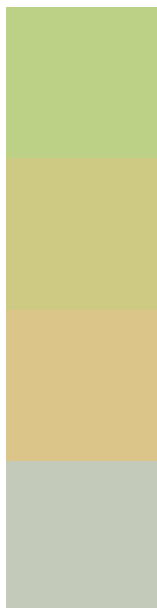
58.4781, 57.2737, 32.0176



Tritanopia

55.8849, 57.3853, 71.7494

Trichromacy



Original Color

47.5980, 57.5243, 31.1489

Protanomaly

50.7390, 57.0288, 30.1632

Deuteranomaly

53.9968, 56.9543, 31.8143

Tritanomaly

52.3832, 57.3459, 54.2069

Monochromacy



Original Color

47.5980, 57.5243, 31.1489

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.6080, 55.0319, 47.0373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5980, 57.5243, 31.1489 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(188, 208, 134)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 134)  
}
```

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(188, 208, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 134) }
```

Border

The CSS property to change the border of an element to XYZ 47.5980, 57.5243, 31.1489 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(188, 208, 134) }
```


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

```
.border{ border-color:rgb(188, 208, 134) }
```

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

Here you see how a box with a 4 pixel rgb(188, 208, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 134);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5980, 57.5243, 31.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 134) }
```

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

```
.background{ background-color: rgb(188,  
208, 134) }
```

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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