

Converting Colors

XYZ(47.6477, 51.8856, 26.9182)

Have a look what the booklet for
XYZ(47.6477, 51.8856, 26.9182)
contains.

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Color

**XYZ(47.5093, 51.7214,
26.8813)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBF7D
RGB	205, 191, 125
RGB Percent	80%, 75%, 49%
CMY	0.1961, 0.2510, 0.5098
CMYK	0.00, 0.07, 0.39, 0.20
HSL	50°, 44%, 65%
HSV	50°, 39%, 80%
XYZ	47.5093, 51.7214, 26.8813
YIQ	187.6620, 29.5300, -17.5580

Conversions

Conversions Part 2

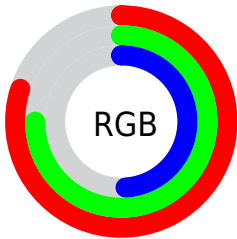
Format	Color
R _Y B	142, 205, 125
Decimal	13483901
CIE Lab	77.11, -4.54, 35.08
CIE LCh	77, 35.368, 97.379
Yxy	51.7214, 0.3767, 0.4101
Android (android.graphics.Color)	4291673981 (0xFFCDBF7D)
YUV	187.6620, -30.8924, 15.2054
Hunter-Lab	71.9176, -7.9373, 28.1809

Details

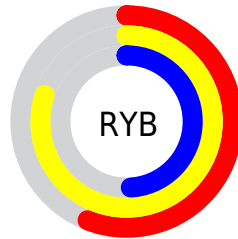
The XYZ color **47.5093, 51.7214, 26.8813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.7093, 27.2322, 61.5007**, and the grayscale version is **47.7672, 50.2548, 54.7275**.

A 20% lighter version of the original color is **82.5366, 90.9959, 55.3333**, and **22.7529, 25.0745, 10.2973** is the 20% darker color. If you saturate the color by 10%, you get **45.5605, 49.7076, 20.4241**, and if you desaturate by 10%, it is **49.7502, 53.8864, 34.7705**.

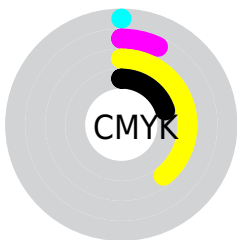
Distribution



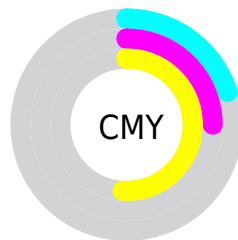
- Red (80%)
- Green (75%)
- Blue (49%)



- Red (56%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5093, 51.7214, 26.8813 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 47.5093, 51.7214, 26.8813 by changing the saturation by 10% instead.

■ 47.5093, 51.7214,
26.8813

■ 47.5093, 51.7214,
26.8813

367.4588,
393.3601, 300.8239

■ 33.6481, 36.7831,
17.2524

■ 85.6875, 92.7202,
55.6948

■ 22.7850, 25.0396,
10.2508

■ 110.7352,
119.5495, 75.7164

■ 14.5546, 16.1065,
5.4578

■ 140.2424,
151.1112, 100.0395

■ 8.5917, 9.5996,
2.4549

174.5745,
187.7898, 129.0824

■ 4.5308, 5.1343,
0.8161

214.0968,
229.9695, 163.2638

■ 2.0066, 2.3263,
0.0000

259.1747,

■ 0.6377, 0.7876,

278.0349, 203.0021

0.0000

310.1736,
332.3703, 248.7160

■ 0.0000, 0.0000,
0.0000

■ 47.5093, 51.7214,
26.8813

■ 47.5093, 51.7214,
26.8813

■ 45.5605, 49.7076,
20.4241

■ 49.7502, 53.8864,
34.7705

■ 43.8829, 47.8309,
15.3074

■ 52.2947, 56.2018,
44.1692

■ 42.4592, 46.0859,
11.4342

■ 55.1584, 58.6761,
55.1532

■ 41.2681, 44.4639,
8.6930

■ 58.3547, 61.3146,
67.7921

■ 40.2843, 42.9547,
6.9526

■ 61.8962, 64.1226,
82.1515

■ 39.4667, 41.5414,
5.9957

■ 65.7947, 67.1052,
98.2935

■ 39.3904, 41.4064,
5.9161

■ 67.8105, 69.3666,
104.4228

■ 68.7400, 71.2255,
104.7327

■ 69.6897, 73.1248,
105.0492

Harmonies

Analogous

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



54.3297, 51.7214, 28.4723



47.5093, 51.7214, 26.8813



41.6844, 51.7214, 31.6151

Triad

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



47.5093, 51.7214, 26.8813



39.5387, 51.7214, 82.0683



62.1583, 51.7214, 71.8791

Complementary

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



47.5093, 51.7214, 26.8813



28.7093, 27.2322, 61.5007

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.



57.4790, 51.7214, 91.3719



47.5093, 51.7214, 26.8813



44.3284, 51.7214, 98.1327

Square

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



47.5093, 51.7214, 26.8813



37.3647, 51.7214, 61.2327



50.8478, 51.7214, 101.8793



63.2073, 51.7214, 51.6694

Rectangle

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



47.5093, 51.7214, 26.8813



39.0059, 51.7214, 38.5399



50.8478, 51.7214, 101.8793



60.9382, 51.7214, 78.8574

Sweetspot

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



47.5106, 51.7238, 26.8824



88.8249, 94.8155, 84.4254



37.2199, 29.5306, 28.4212



18.8775, 20.1788, 17.5521



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.



47.5106, 51.7238, 26.8824



75.0562, 81.8784, 34.8253



44.2781, 54.8067, 27.6478



11.9804, 12.7498, 11.9090



24.5843, 25.9015, 3.7038



1.3133, 1.4262, 0.2061

Inverse Universe

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



28.7093, 27.2322, 61.5007



39.9738, 36.1993, 99.4881



30.9927, 25.5914, 61.0637



10.7578, 11.1560, 14.1567



7.2993, 3.6225, 36.2708



0.4265, 0.2868, 1.8878

Previews

White Background



This preview shows how the XYZ color 47.5093, 51.7214, 26.8813 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 47.5093, 51.7214, 26.8813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

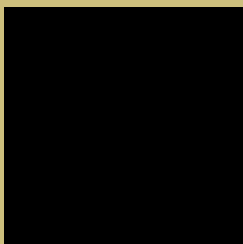
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

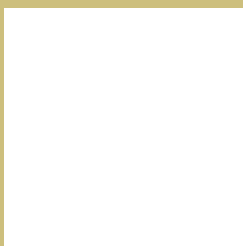
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5093, 51.7214, 26.8813

Background



This preview shows how black text looks on a background with the XYZ color 47.5093, 51.7214, 26.8813.

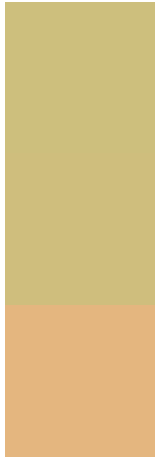


This preview shows how white text looks on a background with the XYZ color 47.5093, 51.7214,

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

47.5093, 51.7214, 26.8813

Protanopia

47.8473, 51.5730, 26.8348

Deuteranopia

52.5536, 51.4822, 27.2459



Tritanopia

54.1323, 51.5876, 59.3289

Trichromacy



Original Color

47.5093, 51.7214, 26.8813

Protanomaly

47.5687, 51.4294, 26.8218

Deuteranomaly

50.6301, 51.4199, 26.9952

Tritanomaly

51.1830, 51.3018, 45.2348

Monochromacy



Original Color

47.5093, 51.7214, 26.8813

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2373, 50.5811, 42.8708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5093, 51.7214, 26.8813 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, 191, 125)` looks like.

```
.text, #text, p{  
    color:rgb(205, 191, 125)  
}
```

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, 191, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 191, 125) }
```

Border

The CSS property to change the border of an element to XYZ 47.5093, 51.7214, 26.8813 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, 191, 125) }
```


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

```
.border{ border-color:rgb(205, 191, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 191, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 191, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 191, 125);  
box-shadow:4px 4px 4px 4px rgb(205, 191,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5093, 51.7214, 26.8813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 191, 125) }
```

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

```
.background{ background-color: rgb(205,  
191, 125) }
```

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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