

Converting Colors

XYZ(49.5791, 51.1978, 26.6759)

Have a look what the booklet for
XYZ(49.5791, 51.1978, 26.6759)
contains.

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Color

**XYZ(49.5795, 51.1974,
26.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BA7D
RGB	216, 186, 125
RGB Percent	85%, 73%, 49%
CMY	0.1529, 0.2706, 0.5098
CMYK	0.00, 0.14, 0.42, 0.15
HSL	40°, 54%, 67%
HSV	40°, 42%, 85%
XYZ	49.5795, 51.1974, 26.6710
YIQ	188.0160, 37.4610, -12.6110

Conversions

Conversions Part 2

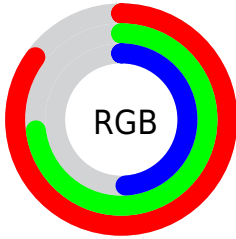
Format	Color
RYB	170, 216, 125
Decimal	14203517
CIELab	76.80, 2.50, 34.86
CIELCh	77, 34.949, 85.899
Yxy	51.1974, 0.3890, 0.4017
Android (android.graphics.Color)	4292393597 (0xFFD8BA7D)
YUV	188.0160, -31.0669, 24.5420
Hunter-Lab	71.5524, -1.5318, 27.9864

Details

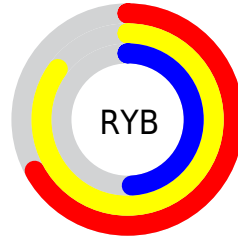
The XYZ color **49.5795, 51.1974, 26.6710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.5731, 32.7595, 69.5722**, and the grayscale version is **47.9662, 50.4642, 54.9555**.

A 20% lighter version of the original color is **81.0280, 87.9786, 54.8304**, and **24.1547, 24.7566, 10.1620** is the 20% darker color. If you saturate the color by 10%, you get **46.8845, 47.7807, 19.6895**, and if you desaturate by 10%, it is **52.6518, 54.8884, 35.2597**.

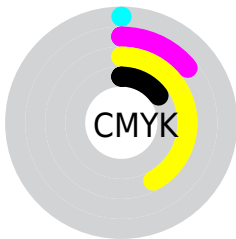
Distribution



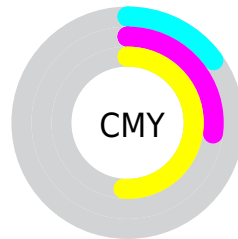
- Red (85%)
- Green (73%)
- Blue (49%)



- Red (67%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5795, 51.1974, 26.6710 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 49.5795, 51.1974, 26.6710 by changing the saturation by 10% instead.


 49.5795, 51.1974,
26.6710


 49.5795, 51.1974,
26.6710


375.4985,
391.3302, 299.7702

 35.2958, 36.3657,
17.0960


 88.7471, 91.9465,
55.3528

 24.0584, 24.7168,
10.1403


 114.3617,
118.6327, 75.2967

 15.5019, 15.8662,
5.3853

 144.4840,
150.0392, 99.5340

 9.2610, 9.4295,
2.4124

179.4794,
186.5505, 128.4832

 4.9703, 5.0224,
0.7932

219.7132,
228.5508, 162.5629

 2.2644, 2.2604,
0.0000

265.5507,

 0.7764, 0.7526,

276.4246, 202.1916

0.0000

317.3574,
330.5563, 247.7879

■ 0.0000, 0.0000,
0.0000

■ 49.5795, 51.1974,
26.6710

■ 49.5795, 51.1974,
26.6710

■ 46.8845, 47.7807,
19.6895

■ 52.6518, 54.8884,
35.2597

■ 44.5424, 44.6212,
14.2083

■ 56.1167, 58.8557,
45.5471

■ 42.5313, 41.7102,
10.1122


■ 59.9928, 63.1105,
57.6214

■ 40.8248, 39.0353,
7.2679


■ 64.2966, 67.6610,
71.5636

■ 39.3915, 36.5822,
5.5153


■ 69.0434, 72.5147,
87.4500

 38.4142, 34.7895,
4.6904

 74.2478, 77.6792,
105.3524

 76.3193, 81.7198,
106.3588

 78.4085, 85.8981,
107.0552

 80.5803, 90.2417,
107.7791

Harmonies

Analogous

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



56.1688, 51.1974, 30.6381



49.5795, 51.1974, 26.6710



43.3003, 51.1974, 28.9184

Triad

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



49.5795, 51.1974, 26.6710



38.0657, 51.1974, 73.2716



60.0061, 51.1974, 78.8364

Complementary

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



49.5795, 51.1974, 26.6710



32.5731, 32.7595, 69.5722

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.



54.4482, 51.1974, 95.4861



49.5795, 51.1974, 26.6710



41.8550, 51.1974, 91.7947

Square

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



49.5795, 51.1974, 26.6710



37.0157, 51.1974, 53.1734



47.7551, 51.1974, 100.6965



62.5250, 51.1974, 58.3987

Rectangle

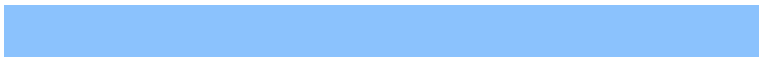
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.5795, 51.1974, 26.6710



40.0646, 51.1974, 33.9919



47.7551, 51.1974, 100.6965



58.4080, 51.1974, 85.2276

Sweetspot

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



49.5808, 51.1998, 26.6720



86.7774, 91.2713, 82.0453



41.5973, 31.6445, 35.0735



18.2963, 19.2345, 16.6858



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.



49.5808, 51.1998, 26.6720



68.5153, 69.8931, 29.2649



52.3004, 62.9869, 28.8038



13.1119, 13.7980, 13.1329



22.8398, 20.7968, 2.8104



1.4519, 1.4029, 0.1943

Inverse Universe

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



32.5731, 32.7595, 69.5722



40.4689, 39.5138, 100.1017



30.5721, 25.2157, 68.2215



12.0736, 12.6707, 15.7469



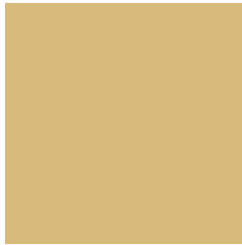
8.7659, 5.7935, 39.1094



0.6034, 0.4989, 2.3838

Previews

White Background



This preview shows how the XYZ color 49.5795, 51.1974, 26.6710 looks on a white background.

Color Contrast Check

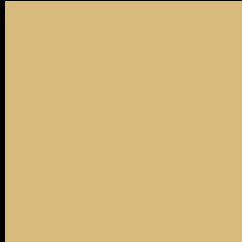
Large Text (above 18pt) WCAG AA × Fail

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 49.5795, 51.1974, 26.6710 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 49.5795, 51.1974, 26.6710

Background



This preview shows how black text looks on a background with the XYZ color 49.5795, 51.1974, 26.6710.



This preview shows how white text looks on a background with the XYZ color 49.5795, 51.1974,

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

49.5795, 51.1974, 26.6710

Protanopia

47.6329, 51.4551, 27.1600

Deuteranopia

52.2847, 51.0481, 26.8362



Tritanopia

55.7558, 51.2904, 56.2516

Trichromacy



Original Color

49.5795, 51.1974, 26.6710

Protanomaly

48.5418, 51.6032, 27.1406

Deuteranomaly

51.4399, 51.2206, 26.9141

Tritanomaly

53.0141, 51.0534, 43.6194

Monochromacy



Original Color

49.5795, 51.1974, 26.6710

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8506, 50.2630, 42.7770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5795, 51.1974, 26.6710 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(216, 186, 125)` looks like.

```
.text, #text, p{  
    color:rgb(216, 186, 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(216, 186, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 186, 125) }
```

Border

The CSS property to change the border of an element to XYZ 49.5795, 51.1974, 26.6710 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(216, 186, 125) }
```


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

```
.border{ border-color:rgb(216, 186, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 186, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 186, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 186, 125);  
box-shadow:4px 4px 4px 4px rgb(216, 186,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5795, 51.1974, 26.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 186, 125) }
```

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

```
.background{ background-color: rgb(216,  
186, 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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