

Converting Colors

XYZ(49.2805, 49.7483, 29.1953)

Have a look what the booklet for
XYZ(49.2805, 49.7483, 29.1953)
contains.

XYZ(49.2805, 49.7483, 29.1953)	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(49.2805, 49.7483,
29.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B685
RGB	216, 182, 133
RGB Percent	85%, 71%, 52%
CMY	0.1529, 0.2863, 0.4784
CMYK	0.00, 0.16, 0.38, 0.15
HSL	35°, 52%, 68%
HSV	35°, 38%, 85%
XYZ	49.2805, 49.7483, 29.1953
YIQ	186.5800, 35.9930, -8.0310

Conversions

Conversions Part 2

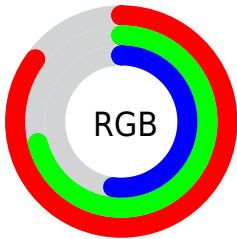
Format	Color
R _Y B	191, 216, 133
Decimal	14202501
CIE Lab	75.91, 5.50, 29.51
CIE LCh	76, 30.014, 79.443
Yxy	49.7483, 0.3843, 0.3880
Android (android.graphics.Color)	4292392581 (0xFFD8B685)
YUV	186.5800, -26.4149, 25.8013
Hunter-Lab	70.5325, 1.2848, 24.8310

Details

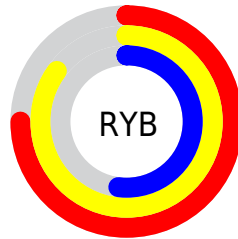
The XYZ color **49.2805, 49.7483, 29.1953** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.8858, 37.5805, 70.3281**, and the grayscale version is **47.1284, 49.5827, 53.9956**.

A 20% lighter version of the original color is **80.7842, 85.9969, 59.3550**, and **23.9088, 23.7986, 11.5171** is the 20% darker color. If you saturate the color by 10%, you get **46.1843, 45.7035, 21.5426**, and if you desaturate by 10%, it is **52.8005, 54.1494, 38.5042**.

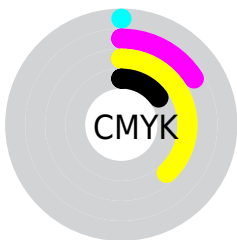
Distribution



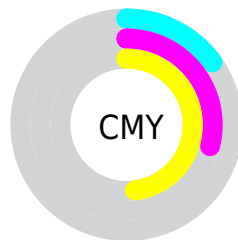
- Red (85%)
- Green (71%)
- Blue (52%)



- Red (75%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2805, 49.7483, 29.1953 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 49.2805, 49.7483, 29.1953 by changing the saturation by 10% instead.

49.2805, 49.7483,
29.1953

49.2805, 49.7483,
29.1953

374.3442,
385.6808, 312.2250

35.0575, 35.2134,
18.9818

88.3061, 89.8018,
59.4331

23.8739, 23.8273,
11.4804

113.8395,
116.0893, 80.2945

15.3643, 15.2056,
6.2727

143.8736,
147.0631, 105.5422

9.1635, 8.9638,
2.9402

178.7740,
183.1076, 135.5948

4.9059, 4.7176,
1.0642

218.9058,
224.6073, 170.8709

2.2264, 2.0825,
0.0000

264.6346,

0.7566, 0.6548,

271.9464, 211.7889

0.0000

316.3256,
325.5095, 258.7674

■ 0.0000, 0.0000,
0.0000

■ 49.2805, 49.7483,
29.1953

■ 49.2805, 49.7483,
29.1953

■ 46.1843, 45.7035,
21.5426

■ 52.8005, 54.1494,
38.5042

■ 43.4873, 41.9964,
15.4428

■ 56.7601, 58.9110,
49.5584

■ 41.1673, 38.6165,
10.7851


■ 61.1784, 64.0456,
62.4438


■ 39.1984, 35.5498,
7.4432


■ 66.0724, 69.5633,
77.2401

■ 37.5500, 32.7804,
5.2680


■ 71.4580, 75.4733,
94.0220


 36.1778, 30.2869,
4.0369

 76.1022, 81.2855,
106.2864

 35.9770, 29.9152,
3.8780

 78.6997, 86.4806,
107.1522

 81.4250, 91.9312,
108.0607

 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



54.6213, 49.7483, 33.9877



49.2805, 49.7483, 29.1953



43.7965, 49.7483, 30.0204

Triad

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



49.2805, 49.7483, 29.1953



37.8575, 49.7483, 65.0717



55.9279, 49.7483, 76.7437

Complementary

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



49.2805, 49.7483, 29.1953



35.8858, 37.5805, 70.3281

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.



50.9524, 49.7483, 88.6804



49.2805, 49.7483, 29.1953



40.6356, 49.7483, 81.0765

Square

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



49.2805, 49.7483, 29.1953



37.4871, 49.7483, 48.7224



45.3427, 49.7483, 90.4060



58.6550, 49.7483, 60.0038

Rectangle

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



49.2805, 49.7483, 29.1953



40.7803, 49.7483, 33.7068



45.3427, 49.7483, 90.4060



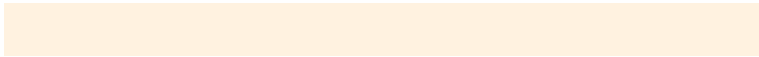
54.4455, 49.7483, 81.5804

Sweetspot

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



49.2818, 49.7506, 29.1963



86.6401, 90.4461, 83.6972



43.7359, 34.1861, 41.1365



18.3617, 19.1471, 17.3801



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.



49.2818, 49.7506, 29.1963



68.1080, 67.6908, 33.4070



55.1077, 64.3727, 31.7116



13.0266, 13.6273, 13.1045



21.4033, 17.9239, 2.3316



1.3715, 1.2422, 0.1675

Inverse Universe

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



35.8858, 37.5805, 70.3281



45.9866, 47.6076, 101.3732



31.5839, 27.3017, 68.5709



12.1561, 12.8357, 15.7744



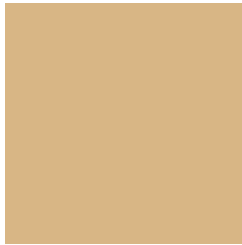
9.5251, 7.3119, 39.3625



0.6549, 0.6017, 2.4009

Previews

White Background



This preview shows how the XYZ color 49.2805, 49.7483, 29.1953 looks on a white background.

Color Contrast Check

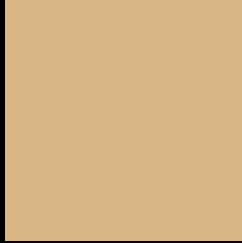
Large Text (above 18pt) WCAG AA × Fail

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 49.2805, 49.7483, 29.1953 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

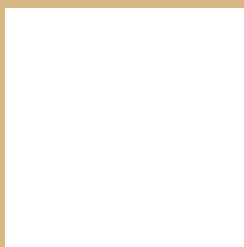
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2805, 49.7483, 29.1953

Background



This preview shows how black text looks on a background with the XYZ color 49.2805, 49.7483, 29.1953.



This preview shows how white text looks on a background with the XYZ color 49.2805, 49.7483,

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

49.2805, 49.7483, 29.1953

Protanopia

46.5006, 49.8465, 30.0922

Deuteranopia

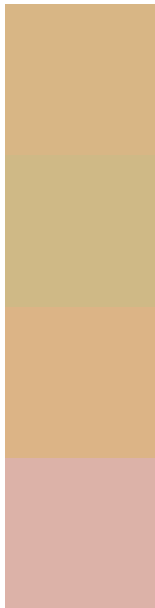
50.8546, 49.6494, 29.4572



Tritanopia

54.5313, 49.8204, 54.3191

Trichromacy



Original Color

49.2805, 49.7483, 29.1953

Protanomaly

47.3842, 49.6846, 29.6469

Deuteranomaly

50.1395, 49.5794, 29.4814

Tritanomaly

52.5035, 49.8836, 43.9071

Monochromacy



Original Color

49.2805, 49.7483, 29.1953

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6127, 49.4937, 43.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2805, 49.7483, 29.1953 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, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 133)  
}
```

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, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 133) }
```

Border

The CSS property to change the border of an element to XYZ 49.2805, 49.7483, 29.1953 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, 182, 133) }
```


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

```
.border{ border-color:rgb(216, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2805, 49.7483, 29.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 133) }
```

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

```
.background{ background-color: rgb(216,  
182, 133) }
```

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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