

Converting Colors

XYZ(47.0830, 53.2770, 28.9192)

Have a look what the booklet for
XYZ(47.0830, 53.2770, 28.9192)
contains.

XYZ(47.2842, 53.5500, 28.9631)	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(47.2842, 53.5500,
28.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C582
RGB	198, 197, 130
RGB Percent	78%, 77%, 51%
CMY	0.2235, 0.2274, 0.4902
CMYK	0.00, 0.01, 0.34, 0.22
HSL	59°, 37%, 64%
HSV	59°, 34%, 78%
XYZ	47.2842, 53.5500, 28.9631
YIQ	189.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

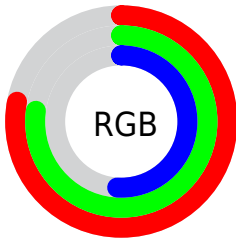
Format	Color
RYB	131, 198, 130
Decimal	13026690
CIELab	78.20, -9.85, 33.79
CIElCh	78, 35.192, 106.246
Yxy	53.5500, 0.3643, 0.4126
Android (android.graphics.Color)	4291216770 (0xFFC6C582)
YUV	189.6610, -29.4129, 7.3133
Hunter-Lab	73.1779, -12.7227, 27.7581

Details

The XYZ color **47.2842, 53.5500, 28.9631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.5151, 25.0549, 56.8119**, and the grayscale version is **48.9045, 51.4514, 56.0306**.

A 20% lighter version of the original color is **85.3335, 95.6043, 59.3033**, and **22.5981, 26.0637, 11.4292** is the 20% darker color. If you saturate the color by 10%, you get **46.0159, 52.9394, 22.6026**, and if you desaturate by 10%, it is **48.8111, 54.2680, 36.6728**.

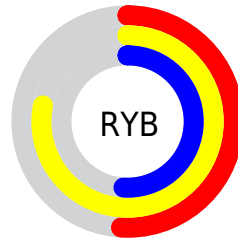
Distribution



Red (78%)

Green (77%)

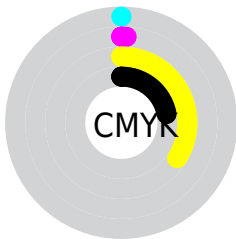
Blue (51%)



Red (51%)

Yellow (78%)

Blue (51%)

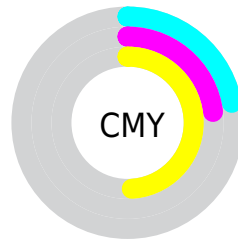


Cyan (0%)

Magenta (1%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2842, 53.5500, 28.9631 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 47.2842, 53.5500, 28.9631 by changing the saturation by 10% instead.


 47.2842, 53.5500,
28.9631


 47.2842, 53.5500,
28.9631


366.5778,
400.3917, 311.0963

 33.4693, 38.2420,
18.8076


 85.3539, 95.4132,
59.0599

 22.6471, 26.1706,
11.3559


 110.3393,
122.7372, 79.8383

 14.4524, 16.9513,
6.1896


 139.7789,
154.8353, 104.9948

 8.5198, 10.1998,
2.8901

174.0381,
192.0920, 134.9478

 4.4839, 5.5316,
1.0388

213.4823,
234.8915, 170.1159

 1.9794, 2.5624,
0.0000

258.4767,

 0.6223, 0.9078,

283.6184, 210.9176

0.0000

309.3868,
338.6570, 257.7716

■ 0.0000, 0.0000,
0.0000

■ 47.2842, 53.5500,
28.9631

■ 47.2842, 53.5500,
28.9631

■ 46.0159, 52.9394,
22.6026

■ 48.8111, 54.2680,
36.6728

■ 44.9875, 52.4231,
17.5104

■ 50.6060, 55.0915,
45.7996

■ 44.1840, 51.9970,
13.6022


■ 52.6830, 56.0280,
56.4110


■ 43.5873, 51.6538,
10.7820


■ 55.0539, 57.0823,
68.5691


■ 43.1762, 51.3851,
8.9391


■ 57.7297, 58.2588,
82.3325


 42.9254, 51.1806,
7.9392

 60.7210, 59.5617,
97.7569

 42.8270, 51.0824,
7.6027

 61.7696, 60.0877,
102.9502

 61.8364, 60.2211,
102.9724

 61.9032, 60.3548,
102.9947

Harmonies

Analogous

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



54.1094, 53.5500, 28.6963



47.2842, 53.5500, 28.9631



41.9242, 53.5500, 35.8267

Triad

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



47.2842, 53.5500, 28.9631



42.2829, 53.5500, 90.1929



64.8652, 53.5500, 67.7903

Complementary

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



47.2842, 53.5500, 28.9631



27.5151, 25.0549, 56.8119

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.



61.0681, 53.5500, 88.6426



47.2842, 53.5500, 28.9631



47.8156, 53.5500, 103.4145

Square

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



47.2842, 53.5500, 28.9631



39.2197, 53.5500, 69.5664



54.6907, 53.5500, 102.7905



64.6902, 53.5500, 48.3329

Rectangle

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



47.2842, 53.5500, 28.9631



39.7200, 53.5500, 44.3333



54.6907, 53.5500, 102.7905



63.9973, 53.5500, 74.9455

Sweetspot

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



47.2855, 53.5524, 28.9642



91.0939, 98.2274, 88.6539



35.3775, 29.6139, 25.3723



19.3879, 20.9750, 18.4144



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.



47.2855, 53.5524, 28.9642



82.0554, 94.0246, 42.8683



39.7685, 50.0136, 28.6774



11.5101, 12.3893, 11.3475



27.8574, 33.2320, 4.9462



1.3234, 1.5822, 0.2357

Inverse Universe

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



27.5151, 25.0549, 56.8119



41.9355, 36.1966, 99.3841



33.2531, 27.8156, 57.0424



10.0689, 10.3119, 13.3772



6.6547, 2.7033, 34.9154



0.3195, 0.1369, 1.6547

Previews

White Background



This preview shows how the XYZ color 47.2842, 53.5500, 28.9631 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 47.2842, 53.5500, 28.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

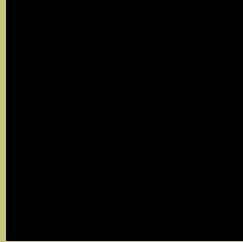
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2842, 53.5500, 28.9631

Background



This preview shows how black text looks on a background with the XYZ color 47.2842, 53.5500, 28.9631.



This preview shows how white text looks on a background with the XYZ color 47.2842, 53.5500,

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

47.2842, 53.5500, 28.9631

Protanopia

49.5446, 53.4001, 28.1180

Deuteranopia

54.5376, 53.3803, 29.6193



Tritanopia

54.4948, 53.5436, 63.9627

Trichromacy



Original Color

47.2842, 53.5500, 28.9631

Protanomaly

48.7078, 53.2904, 28.4878

Deuteranomaly

51.5759, 53.1212, 29.3649

Tritanomaly

51.3691, 53.2336, 48.6420

Monochromacy



Original Color

47.2842, 53.5500, 28.9631

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.1302, 52.3045, 44.6048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2842, 53.5500, 28.9631 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(198, 197, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 130)  
}
```

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(198, 197, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.2842, 53.5500, 28.9631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

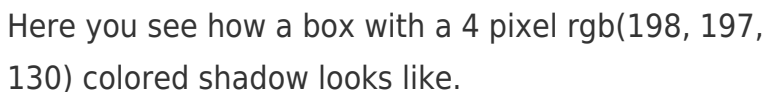
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 197, 130) }
```


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

```
.border{ border-color:rgb(198, 197, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 197, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 197, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 197, 130); box-shadow:4px 4px 4px 4px rgb(198, 197, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2842, 53.5500, 28.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 130) }
```

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

```
.background{ background-color: rgb(198,  
197, 130) }
```

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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