

Converting Colors

XYZ(47.5487, 53.6863, 28.9755)

Have a look what the booklet for
XYZ(47.5487, 53.6863, 28.9755)
contains.

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Color

**XYZ(47.5487, 53.6863,
28.9755)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7C582 |
| RGB | 199, 197, 130 |
| RGB Percent | 78%, 77%, 51% |
| CMY | 0.2196, 0.2274, 0.4902 |
| CMYK | 0.00, 0.01, 0.35, 0.22 |
| HSL | 58°, 38%, 65% |
| HSV | 58°, 35%, 78% |
| XYZ | 47.5487, 53.6863, 28.9755 |
| YIQ | 189.9600, 22.6990, -20.4130 |

Conversions

Conversions Part 2

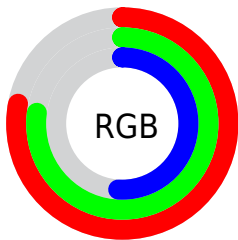
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 199, 130 |
| Decimal | 13092226 |
| CIELab | 78.28, -9.45, 33.91 |
| CIElCh | 78, 35.199, 105.577 |
| Yxy | 53.6863, 0.3652, 0.4123 |
| Android (android.graphics.Color) | 4291282306 (0xFFC7C582) |
| YUV | 189.9600, -29.5603, 7.9281 |
| Hunter-Lab | 73.2709, -12.3877, 27.8430 |

Details

The XYZ color **47.5487, 53.6863, 28.9755** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7659, 25.3712, 57.4666**, and the grayscale version is **49.0773, 51.6332, 56.2285**.

A 20% lighter version of the original color is **85.3335, 95.6043, 59.3033**, and **22.7720, 26.1534, 11.4373** is the 20% darker color. If you saturate the color by 10%, you get **46.2103, 52.9442, 22.5647**, and if you desaturate by 10%, it is **49.1487, 54.5376, 36.7492**.

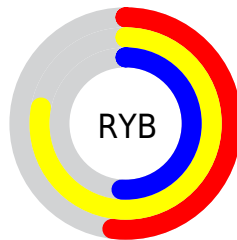
Distribution



Red (78%)

Green (77%)

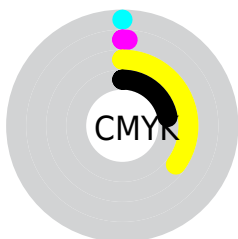
Blue (51%)



Red (52%)

Yellow (78%)

Blue (51%)

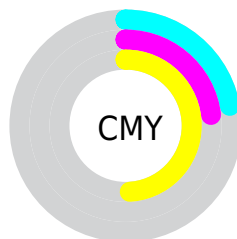


Cyan (0%)

Magenta (1%)

Yellow (35%)

Black (22%)



Cyan (22%)


Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5487, 53.6863, 28.9755 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 47.5487, 53.6863, 28.9755 by changing the saturation by 10% instead.


 47.5487, 53.6863,
28.9755

 47.5487, 53.6863,
28.9755


367.6129,
400.9126, 311.1567


 33.6794, 38.3509,
18.8169


 85.7459, 95.6135,
59.0799

 22.8091, 26.2552,
11.3626


 110.8044,
122.9741, 79.8627

 14.5726, 17.0146,
6.1940


 140.3234,
155.1119, 105.0240

 8.6043, 10.2449,
2.8927

174.6683,
192.4113, 134.9823

 4.5390, 5.5616,
1.0401

214.2043,
235.2567, 170.1562

 2.0114, 2.5804,
0.0000

259.2968,

 0.6403, 0.9168,

284.0324, 210.9642

0.0000

310.3113,
339.1229, 257.8248

■ 0.0000, 0.0000,
0.0000

■ 47.5487, 53.6863,
28.9755

■ 47.5487, 53.6863,
28.9755

■ 46.2103, 52.9442,
22.5647

■ 49.1487, 54.5376,
36.7492

■ 45.1144, 52.2980,
17.4347

■ 51.0199, 55.4964,
45.9550

■ 44.2460, 51.7435,
13.5000

■ 53.1766, 56.5701,
56.6611

■ 43.5864, 51.2734,
10.6628

■ 55.6306, 57.7636,
68.9306

■ 43.1144, 50.8792,
8.8105

■ 58.3933, 59.0813,
82.8230

■ 42.8038, 50.5502,
7.8058

■ 61.4753, 60.5275,
98.3946

■ 42.6777, 50.3911,
7.4771

■ 62.4975, 61.1507,
103.1170

■ 62.6319, 61.4195,
103.1618

■ 62.7668, 61.6894,
103.2068

Harmonies

Analogous

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



54.4015, 53.6863, 28.8516



47.5487, 53.6863, 28.9755



42.1311, 53.6863, 35.7006

Triad

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



47.5487, 53.6863, 28.9755



42.2976, 53.6863, 89.9868



64.9762, 53.6863, 68.4328

Complementary

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



47.5487, 53.6863, 28.9755



27.7659, 25.3712, 57.4666

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.



61.0950, 53.6863, 89.2672



47.5487, 53.6863, 28.9755



47.7954, 53.6863, 103.4846

Square

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



47.5487, 53.6863, 28.9755



39.2908, 53.6863, 69.2573



54.6714, 53.6863, 103.1950



64.8949, 53.6863, 48.8392

Rectangle

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



47.5487, 53.6863, 28.9755



39.8813, 53.6863, 44.1181



54.6714, 53.6863, 103.1950



64.0774, 53.6863, 75.6038

Sweetspot

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



47.5500, 53.6887, 28.9766



90.9780, 97.9956, 88.6153



35.7217, 29.7822, 25.8041



19.3597, 20.9185, 18.4050



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.



47.5500, 53.6887, 28.9766



81.3575, 92.9551, 41.6296



40.3472, 50.6525, 28.7702



11.4966, 12.3623, 11.3430



27.4544, 32.4259, 4.8118



1.3084, 1.5523, 0.2307

Inverse Universe

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



27.7659, 25.3712, 57.4666



41.3107, 35.6387, 99.3094



33.2329, 27.7918, 57.6457



10.0809, 10.3358, 13.3812



6.6800, 2.7540, 34.9238



0.3251, 0.1480, 1.6566

Previews

White Background



This preview shows how the XYZ color 47.5487, 53.6863, 28.9755 looks on a white background.

Color Contrast Check

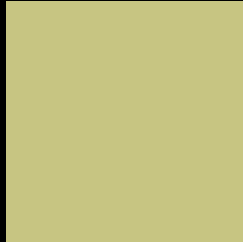
Large Text (above 18pt) WCAG AA × Fail

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 47.5487, 53.6863, 28.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

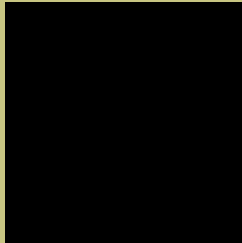
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5487, 53.6863, 28.9755

Background



This preview shows how black text looks on a background with the XYZ color 47.5487, 53.6863, 28.9755.



This preview shows how white text looks on a background with the XYZ color 47.5487, 53.6863,

28.9755.

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

47.5487, 53.6863, 28.9755

Protanopia

49.6108, 53.4265, 28.4665

Deuteranopia

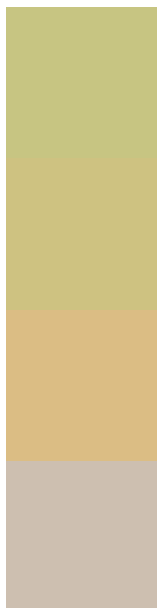
54.5376, 53.3803, 29.6193



Tritanopia

54.7751, 53.6881, 63.9758

Trichromacy



Original Color

47.5487, 53.6863, 28.9755

Protanomaly

48.7078, 53.2904, 28.4878

Deuteranomaly

51.5759, 53.1212, 29.3649

Tritanomaly

51.6441, 53.3753, 48.6548

Monochromacy



Original Color

47.5487, 53.6863, 28.9755

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 47.5487, 53.6863, 28.9755 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(199, 197, 130)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 197, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.5487, 53.6863, 28.9755 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(199, 197, 130) }
```


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

```
.border{ border-color:rgb(199, 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(199, 197, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 130);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5487, 53.6863, 28.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 130) }
```

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

```
.background{ background-color: rgb(199,  
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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