

Converting Colors

XYZ(47.1320, 53.7027, 28.1317)

Have a look what the booklet for
XYZ(47.1320, 53.7027, 28.1317)
contains.

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Color

**XYZ(47.3791, 53.9524,
28.3388)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C680
RGB	198, 198, 128
RGB Percent	78%, 78%, 50%
CMY	0.2235, 0.2235, 0.4980
CMYK	0.00, 0.00, 0.35, 0.22
HSL	60°, 38%, 64%
HSV	60°, 35%, 78%
XYZ	47.3791, 53.9524, 28.3388
YIQ	190.0200, 22.4700, -21.7700

Conversions

Conversions Part 2

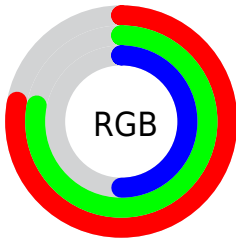
Format	Color
RYB	128, 198, 128
Decimal	13026944
CIELab	78.43, -10.60, 35.12
CIELCh	78, 36.686, 106.786
Yxy	53.9524, 0.3654, 0.4161
Android (android.graphics.Color)	4291217024 (0xFFC6C680)
YUV	190.0200, -30.5759, 6.9985
Hunter-Lab	73.4523, -13.4033, 28.5418

Details

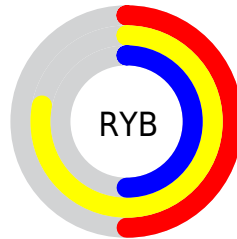
The XYZ color **47.3791, 53.9524, 28.3388** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.8162, 24.1061, 56.6687**, and the grayscale version is **49.1177, 51.6757, 56.2748**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **22.6761, 26.3362, 11.0960** is the 20% darker color. If you saturate the color by 10%, you get **46.2012, 53.4831, 22.1319**, and if you desaturate by 10%, it is **48.8141, 54.5283, 35.8874**.

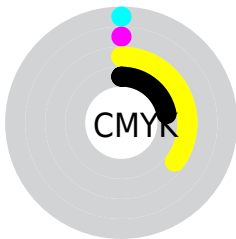
Distribution



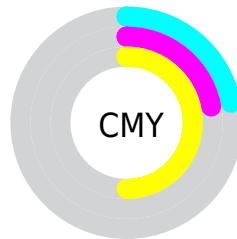
- Red (78%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3791, 53.9524, 28.3388 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 47.3791, 53.9524, 28.3388 by changing the saturation by 10% instead.

■ 47.3791, 53.9524,
28.3388

■ 47.3791, 53.9524,
28.3388

366.9494,
401.9285, 308.0450

■ 33.5447, 38.5636,
18.3399

■ 85.4945, 96.0044,
58.0545

■ 22.7052, 26.4204,
11.0224

■ 110.5062,
123.4363, 78.6084

■ 14.4955, 17.1384,
5.9675

■ 139.9744,
155.6514, 103.5178

■ 8.5501, 10.3332,
2.7569

174.2643,
193.0341, 133.2011

■ 4.5037, 5.6205,
0.9719

213.7415,
235.9688, 168.0770

■ 1.9908, 2.6157,
0.0000

258.7711,

■ 0.6288, 0.9346,

284.8398, 208.5639

0.0000

309.7186,
340.0316, 255.0804

■ 0.0000, 0.0000,
0.0000

■ 47.3791, 53.9524,
28.3388

■ 47.3791, 53.9524,
28.3388

■ 46.2012, 53.4831,
22.1319

■ 48.8141, 54.5283,
35.8874

■ 45.2614, 53.1072,
17.1851

■ 50.5157, 55.2090,
44.8462

■ 44.5448, 52.8205,
13.4131


■ 52.4980, 56.0020,
55.2831


■ 44.0328, 52.6156,
10.7187


■ 54.7729, 56.9120,
67.2607

■ 43.7040, 52.4841,
8.9894

■ 57.3515, 57.9435,
80.8379

 43.5323, 52.4153,
8.0869

 60.2446, 59.1007,
96.0705

 43.4818, 52.3951,
7.8215

 61.5365, 59.6175,
102.8718

 61.5368, 59.6177,
102.8718

 61.5372, 59.6179,
102.8718

Harmonies

Analogous

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



54.5153, 53.9524, 27.9465



47.3791, 53.9524, 28.3388



41.8242, 53.9524, 35.5341

Triad

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



47.3791, 53.9524, 28.3388



42.3600, 53.9524, 92.6983



65.9976, 53.9524, 68.2976

Complementary

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



47.3791, 53.9524, 28.3388



26.8162, 24.1061, 56.6687

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.



62.0637, 53.9524, 90.3459



47.3791, 53.9524, 28.3388



48.1755, 53.9524, 106.5034

Square

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



47.3791, 53.9524, 28.3388



39.1180, 53.9524, 70.9757



55.3896, 53.9524, 105.5537



65.7332, 53.9524, 48.0069

Rectangle

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



47.3791, 53.9524, 28.3388



39.5636, 53.9524, 44.4418



55.3896, 53.9524, 105.5537



65.1078, 53.9524, 75.8284

Sweetspot

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



47.3804, 53.9548, 28.3399



90.8575, 98.3229, 86.8264



34.9059, 29.0039, 24.1814



19.3461, 21.0047, 18.0519



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.



47.3804, 53.9548, 28.3399



82.3347, 94.9136, 41.9561



39.1966, 49.7359, 27.9569



11.5239, 12.4170, 11.3521



28.2757, 34.0720, 5.0863



1.3389, 1.6133, 0.2408

Inverse Universe

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



26.8162, 24.1061, 56.6687



40.8202, 34.6557, 99.1455



33.0181, 27.3033, 56.9589



10.0568, 10.2875, 13.3731



6.6289, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 47.3791, 53.9524, 28.3388 looks on a white background.

Color Contrast Check

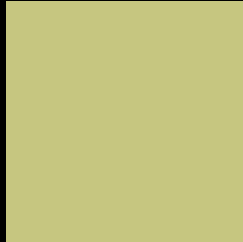
Large Text (above 18pt) WCAG AA × Fail

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 47.3791, 53.9524, 28.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

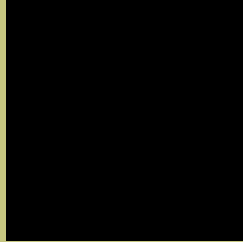
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

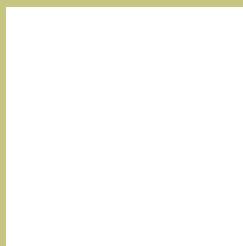
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3791, 53.9524, 28.3388

Background



This preview shows how black text looks on a background with the XYZ color 47.3791, 53.9524, 28.3388.



This preview shows how white text looks on a background with the XYZ color 47.3791, 53.9524,

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

47.3791, 53.9524, 28.3388

Protanopia

49.9217, 53.9388, 27.5187

Deuteranopia

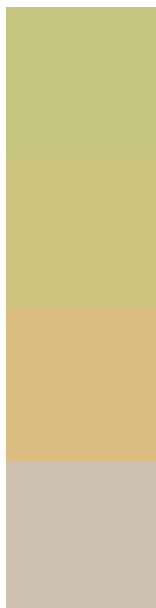
54.7244, 53.4924, 28.9135



Tritanopia

54.8288, 54.0202, 64.6639

Trichromacy



Original Color

47.3791, 53.9524, 28.3388

Protanomaly

48.7995, 53.6843, 27.8688

Deuteranomaly

51.9579, 53.6543, 28.7369

Tritanomaly

51.5879, 53.6712, 48.7149

Monochromacy



Original Color

47.3791, 53.9524, 28.3388

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.0373, 52.2674, 44.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3791, 53.9524, 28.3388 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, 198, 128)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 128)  
}
```

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, 198, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.3791, 53.9524, 28.3388 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, 198, 128) }
```


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

```
.border{ border-color:rgb(198, 198, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 128);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3791, 53.9524, 28.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 128) }
```

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

```
.background{ background-color: rgb(198,  
198, 128) }
```

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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