

Converting Colors

XYZ(47.3874, 52.8860, 19.4509)

Have a look what the booklet for
XYZ(47.3874, 52.8860, 19.4509)
contains.

XYZ(47.2760, 52.7498, 19.4944)	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(47.2760, 52.7498,
19.4944)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC263
RGB	207, 194, 99
RGB Percent	81%, 76%, 39%
CMY	0.1882, 0.2392, 0.6118
CMYK	0.00, 0.06, 0.52, 0.19
HSL	53°, 53%, 60%
HSV	53°, 52%, 81%
XYZ	47.2760, 52.7498, 19.4944
YIQ	187.0570, 38.2430, -26.7890

Conversions

Conversions Part 2

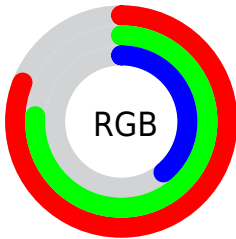
Format	Color
RYB	114, 207, 99
Decimal	13615715
CIELab	77.73, -7.84, 48.88
CIELCh	78, 49.499, 99.108
Yxy	52.7498, 0.3955, 0.4413
Android (android.graphics.Color)	4291805795 (0xFFCFC263)
YUV	187.0570, -43.4121, 17.4900
Hunter-Lab	72.6291, -10.9109, 34.9263

Details

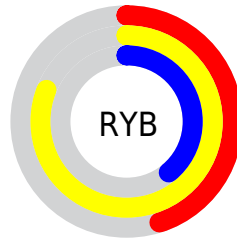
The XYZ color **47.2760, 52.7498, 19.4944** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.2021, 18.7454, 61.4792**, and the grayscale version is **47.4896, 49.9627, 54.4094**.

A 20% lighter version of the original color is **81.0931, 91.8982, 43.1698**, and **22.6361, 25.7472, 6.5730** is the 20% darker color. If you saturate the color by 10%, you get **45.8613, 51.3063, 14.7507**, and if you desaturate by 10%, it is **48.9561, 54.3182, 25.5790**.

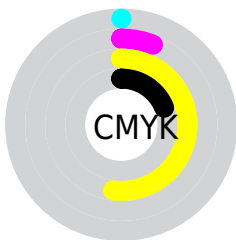
Distribution



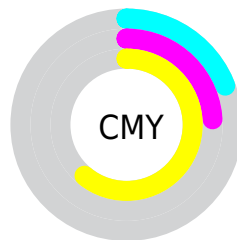
- Red (81%)
- Green (76%)
- Blue (39%)



- Red (45%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (52%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2760, 52.7498, 19.4944 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 47.2760, 52.7498, 19.4944 by changing the saturation by 10% instead.


 47.2760, 52.7498,
19.4944

 47.2760, 52.7498,
19.4944


366.5457,
397.3245, 261.6778

 33.4628, 37.6031,
11.8476

 85.3417, 94.2361,
43.4156


 22.6421, 25.6748,
6.5187


 110.3249,
121.3445, 60.5272

 14.4487, 16.5805,
3.0892

 139.7620,
153.2088, 81.6308

 8.5172, 9.9358,
1.1403

 174.0186,
190.2136, 107.1449

 4.4822, 5.3564,
0.0000

213.4599,
232.7431, 137.4881

 1.9784, 2.4579,
0.0000

258.4513,

 0.6218, 0.8554,

281.1819, 173.0790

0.0000

309.3581,
335.9142, 214.3360

■ 0.0000, 0.0000,
0.0000

■ 47.2760, 52.7498,
19.4944

■ 47.2760, 52.7498,
19.4944

■ 45.8613, 51.3063,
14.7507

■ 48.9561, 54.3182,
25.5790

■ 44.6885, 49.9725,
11.2405

■ 50.9157, 56.0114,
33.0946

■ 43.7360, 48.7414,
8.8452

■ 53.1721, 57.8383,
42.1271

■ 42.9765, 47.6023,
7.4213

■ 55.7403, 59.8050,
52.7547

■ 42.4791, 46.7596,
6.7866

■ 58.6341, 61.9171,
65.0504

■ 61.8665, 64.1799,
79.0824

■ 65.4499, 66.5983,
94.9154

■ 67.8109, 68.5431,
104.2639

■ 68.4458, 69.8129,
104.4755

Harmonies

Analogous

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



57.0003, 52.7498, 20.8911



47.2760, 52.7498, 19.4944



39.3876, 52.7498, 25.4441

Triad

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



47.2760, 52.7498, 19.4944



37.1535, 52.7498, 97.5751



69.4006, 52.7498, 78.3876

Complementary

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



47.2760, 52.7498, 19.4944



22.2021, 18.7454, 61.4792

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.



62.6835, 52.7498, 108.8954



47.2760, 52.7498, 19.4944



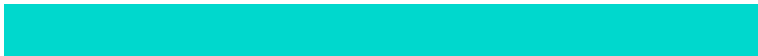
43.8482, 52.7498, 122.2021

Square

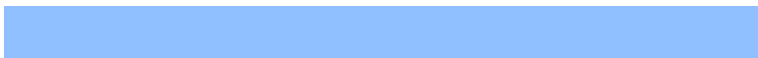
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.2760, 52.7498, 19.4944



34.0531, 52.7498, 66.2022



53.1114, 52.7498, 126.9003



70.6240, 52.7498, 49.4792

Rectangle

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



47.2760, 52.7498, 19.4944



35.9270, 52.7498, 34.3759



53.1114, 52.7498, 126.9003



67.6729, 52.7498, 89.0184

Sweetspot

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



47.2773, 52.7523, 19.4955



87.6171, 94.5531, 77.3850



33.1974, 23.3909, 18.5070



18.5703, 20.0978, 15.8049



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.



47.2773, 52.7523, 19.4955



73.1769, 81.8760, 22.6190



40.5861, 53.7855, 20.0476



12.6770, 13.5446, 12.5583



26.8102, 29.5534, 4.2913



1.5341, 1.7225, 0.2516

Inverse Universe

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



22.2021, 18.7454, 61.4792



28.6833, 21.5806, 97.2614



26.3056, 18.8839, 61.2897



11.2766, 11.6435, 14.8967



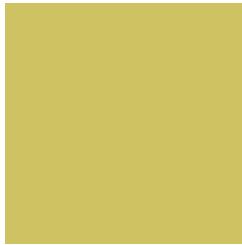
7.3505, 3.3475, 37.4512



0.4500, 0.2653, 2.1070

Previews

White Background



This preview shows how the XYZ color 47.2760, 52.7498, 19.4944 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 47.2760, 52.7498, 19.4944 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 47.2760, 52.7498, 19.4944

Background



This preview shows how black text looks on a background with the XYZ color 47.2760, 52.7498, 19.4944.



This preview shows how white text looks on a background with the XYZ color 47.2760, 52.7498,

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

47.2760, 52.7498, 19.4944

Protanopia

48.2056, 52.5782, 19.1632

Deuteranopia

53.5927, 52.4884, 19.8770



Tritanopia

55.6268, 52.6499, 60.0539

Trichromacy



Original Color

47.2760, 52.7498, 19.4944

Protanomaly

47.8529, 52.7234, 19.2098

Deuteranomaly

51.1706, 52.4878, 19.7461

Tritanomaly

51.6439, 52.2600, 41.0835

Monochromacy



Original Color

47.2760, 52.7498, 19.4944

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5780, 50.6628, 38.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2760, 52.7498, 19.4944 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(207, 194, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 99)  
}
```

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(207, 194, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 99) }
```

Border

The CSS property to change the border of an element to XYZ 47.2760, 52.7498, 19.4944 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(207, 194, 99) }
```


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

```
.border{ border-color:rgb(207, 194, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 194, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2760, 52.7498, 19.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 99) }
```

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

```
.background{ background-color: rgb(207,  
194, 99) }
```

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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