

Converting Colors

XYZ(47.3170, 54.4789, 68.9819)

Have a look what the booklet for
XYZ(47.3170, 54.4789, 68.9819)
contains.

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Color

**XYZ(47.2506, 54.3678,
68.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CAD2
RGB	160, 202, 210
RGB Percent	63%, 79%, 82%
CMY	0.3725, 0.2078, 0.1765
CMYK	0.24, 0.04, 0.00, 0.18
HSL	190°, 36%, 73%
HSV	190°, 24%, 82%
XYZ	47.2506, 54.3678, 68.9764
YIQ	190.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

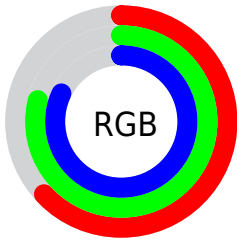
Format	Color
RYB	160, 183, 210
Decimal	10537682
CIELab	78.68, -12.00, -8.53
CIELCh	79, 14.722, 215.430
Yxy	54.3678, 0.2770, 0.3187
Android (android.graphics.Color)	4288727762 (0xFFA0CAD2)
YUV	190.3540, 9.6855, -26.6205
Hunter-Lab	73.7345, -14.6489, -3.8498

Details

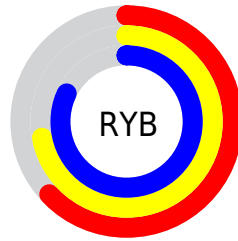
The XYZ color **47.2506, 54.3678, 68.9764** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9267, 44.2452, 39.3257**, and the grayscale version is **49.1062, 51.6635, 56.2616**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **22.6541, 26.7059, 35.4132** is the 20% darker color. If you saturate the color by 10%, you get **42.6227, 50.8261, 68.5376**, and if you desaturate by 10%, it is **52.6080, 58.3138, 69.4566**.

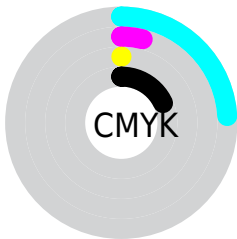
Distribution



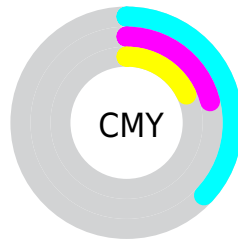
- Red (63%)
- Green (79%)
- Blue (82%)



- Red (63%)
- Yellow (72%)
- Blue (82%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)





- Cyan (37%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2506, 54.3678, 68.9764 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 47.2506, 54.3678, 68.9764 by changing the saturation by 10% instead.

 47.2506, 54.3678,
68.9764


 47.2506, 54.3678,
68.9764


366.4462,
403.5110, 475.6394

 33.4426, 38.8958,
50.2209


 85.3040, 96.6141,
119.4153

 22.6266, 26.6787,
35.2165


 110.2802,
124.1571, 151.9356

 14.4372, 17.3320,
23.5448

139.7097,
156.4926, 189.8814

 8.5091, 10.4715,
14.7872

173.9580,
194.0050, 233.6710

 4.4769, 5.7127,
8.5252

213.3905,
237.0786, 283.7231

 1.9753, 2.6712,
4.3403

258.3724,

 0.6200, 0.9626,

286.0979, 340.4562

1.8138

309.2692,
341.4472, 404.2888

■ 0.0000, 0.0000,
0.4370

■ 0.0000, 0.0000,
0.0000

■ 47.2506, 54.3678,
68.9764

■ 47.2506, 54.3678,
68.9764

■ 42.6227, 50.8261,
68.5376

■ 52.6080, 58.3138,
69.4566

■ 38.6838, 47.6635,
68.1347

■ 58.7232, 62.6748,
69.9760

■ 35.3967, 44.8620,
67.7673

■ 65.6291, 67.4691,
70.5374

■ 32.7185, 42.3995,
67.4331

■ 73.3549, 72.7121,
71.1422

■ 30.6014, 40.2510,
67.1300

■ 78.1521, 76.4713,
71.6150

■ 28.9901, 38.3879,
66.8553

■ 79.0362, 78.2396,
71.9097

■ 27.8174, 36.7754,
66.6059

■ 79.9382, 80.0435,
72.2104

■ 27.2392, 35.8656,
66.4607

■ 80.8580, 81.8831,
72.5170

■ 81.7957, 83.7587,
72.8296

Harmonies

Analogous

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



46.3050, 54.3678, 60.7260



47.2506, 54.3678, 68.9764



49.3842, 54.3678, 74.9914

Triad

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



47.2506, 54.3678, 68.9764



56.9299, 54.3678, 66.1100



51.1475, 54.3678, 44.6410

Complementary

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



47.2506, 54.3678, 68.9764



46.9267, 44.2452, 39.3257

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.



54.0354, 54.3678, 45.7928



47.2506, 54.3678, 68.9764



57.4448, 54.3678, 57.6944

Square

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



47.2506, 54.3678, 68.9764



54.9854, 54.3678, 73.2308



56.3672, 54.3678, 50.3891



48.5002, 54.3678, 47.0820

Rectangle

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



47.2506, 54.3678, 68.9764



51.2307, 54.3678, 76.6417



56.3672, 54.3678, 50.3891



52.1218, 54.3678, 44.6237

Sweetspot

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



47.2522, 54.3700, 68.9776



87.8811, 94.9622, 108.3055



44.5662, 56.3763, 45.3360



18.6840, 20.2362, 23.1712



0.0000, 0.0000, 0.0000



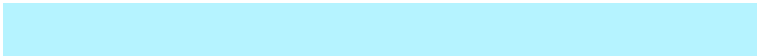
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2522, 54.3700, 68.9776



69.2198, 81.2538, 106.6430



41.9522, 43.7701, 67.2110



11.9907, 13.0716, 15.1347



16.6770, 22.0005, 40.5600



0.9766, 1.3185, 2.2826

Inverse Universe

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



49.8111, 43.1088, 61.5751



73.9777, 60.8095, 92.7684



51.8841, 54.1600, 40.9782



12.2262, 11.9752, 14.4669



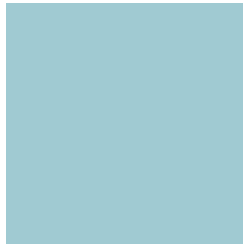
21.0485, 10.2922, 26.2252



1.1992, 0.5844, 1.5838

Previews

White Background



This preview shows how the XYZ color 47.2506, 54.3678, 68.9764 looks on a white background.

Color Contrast Check

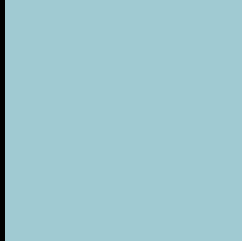
Large Text (above 18pt) WCAG AA × Fail

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 47.2506, 54.3678, 68.9764 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 47.2506, 54.3678, 68.9764

Background



This preview shows how black text looks on a background with the XYZ color 47.2506, 54.3678, 68.9764.



This preview shows how white text looks on a background with the XYZ color 47.2506, 54.3678,

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

47.2506, 54.3678, 68.9764

Protanopia

52.5951, 54.1498, 65.4375

Deuteranopia

55.3847, 54.1784, 70.4892



Tritanopia

48.1090, 54.3601, 73.6026

Trichromacy



Original Color

47.2506, 54.3678, 68.9764

Protanomaly

50.2938, 53.9299, 66.7902

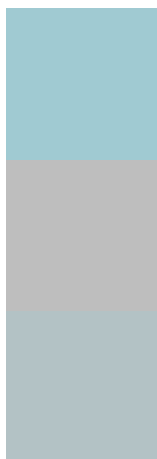
Deuteranomaly

52.1617, 54.1559, 69.9913

Tritanomaly

47.7222, 54.2054, 71.5658

Monochromacy



Original Color

47.2506, 54.3678, 68.9764

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.9602, 52.1985, 60.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2506, 54.3678, 68.9764 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(160, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(160, 202, 210)  
}
```

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(160, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 202, 210) }
```

Border

The CSS property to change the border of an element to XYZ 47.2506, 54.3678, 68.9764 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(160, 202, 210) }
```


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

```
.border{ border-color:rgb(160, 202, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 202, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(160, 202,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2506, 54.3678, 68.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 202, 210) }
```

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

```
.background{ background-color: rgb(160,  
202, 210) }
```

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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