

Converting Colors

XYZ(47.9492, 53.9478, 72.8515)

Have a look what the booklet for
XYZ(47.9492, 53.9478, 72.8515)
contains.

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Color

**XYZ(47.9492, 53.9478,
72.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C8D8
RGB	162, 200, 216
RGB Percent	64%, 78%, 85%
CMY	0.3647, 0.2157, 0.1529
CMYK	0.25, 0.07, 0.00, 0.15
HSL	198°, 41%, 74%
HSV	198°, 25%, 85%
XYZ	47.9492, 53.9478, 72.8515
YIQ	190.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

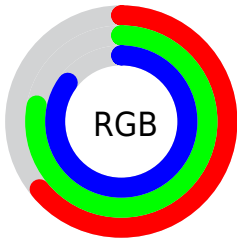
Format	Color
RYB	162, 184, 216
Decimal	10668248
CIELab	78.43, -9.00, -12.11
CIELCh	78, 15.091, 233.391
Yxy	53.9478, 0.2744, 0.3087
Android (android.graphics.Color)	4288858328 (0xFFA2C8D8)
YUV	190.4620, 12.5902, -24.9612
Hunter-Lab	73.4492, -12.0074, -7.3931

Details

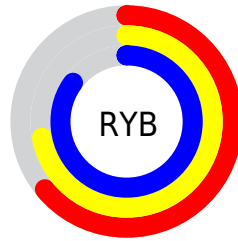
The XYZ color **47.9492, 53.9478, 72.8515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7614, 49.0485, 40.9754**, and the grayscale version is **49.1523, 51.7121, 56.3144**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **23.0186, 26.3822, 37.5973** is the 20% darker color. If you saturate the color by 10%, you get **42.4819, 48.9763, 72.1810**, and if you desaturate by 10%, it is **54.2354, 59.4362, 73.5804**.

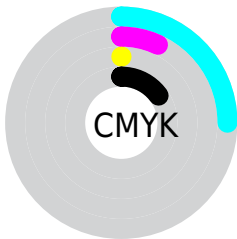
Distribution



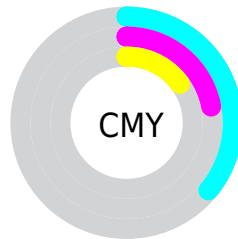
- Red (64%)
- Green (78%)
- Blue (85%)



- Red (64%)
- Yellow (72%)
- Blue (85%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9492, 53.9478, 72.8515 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 47.9492, 53.9478, 72.8515 by changing the saturation by 10% instead.

■ 47.9492, 53.9478,
72.8515

■ 47.9492, 53.9478,
72.8515

369.1767,
401.9109, 489.5569

■ 33.9977, 38.5599,
53.3635

■ 86.3389, 95.9976,
124.9853

■ 23.0547, 26.4176,
37.7033

■ 111.5079,
123.4283, 158.4682

■ 14.7549, 17.1363,
25.4524

141.1467,
155.6421, 197.4531

■ 8.7327, 10.3317,
16.1924

175.6208,
193.0234, 242.3586

■ 4.6230, 5.6194,
9.5046

215.2955,
235.9565, 293.6032

■ 2.0602, 2.6151,
4.9704

260.5361,

■ 0.6675, 0.9343,

284.8258, 351.6054

2.1715

311.7081,
340.0159, 416.7838

■ 0.0000, 0.0000,
0.6578

■ 0.0000, 0.0000,
0.0000

■ 47.9492, 53.9478,
72.8515

■ 47.9492, 53.9478,
72.8515

■ 42.4819, 48.9763,
72.1810

■ 54.2354, 59.4362,
73.5804

■ 37.7895, 44.4939,
71.5631

■ 61.3721, 65.4549,
74.3660

■ 33.8308, 40.4796,
70.9969

■ 69.3953, 72.0249,
75.2113

■ 30.5587, 36.9080,
70.4800

■ 78.3371, 79.1637,
76.1179

■ 27.9205, 33.7507,
70.0096

■ 82.4913, 83.9308,
76.8191

■ 25.8547, 30.9748,
69.5827

■ 84.3255, 87.5993,
77.4305

■ 24.2866, 28.5405,
69.1955

■ 86.2260, 91.4003,
78.0641

■ 23.6248, 27.4178,
69.0136

■ 88.1935, 95.3352,
78.7199

■ 89.3948, 97.7379,
79.1203

Harmonies

Analogous

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



46.2172, 53.9478, 65.4662



47.9492, 53.9478, 72.8515



50.6221, 53.9478, 76.5053

Triad

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



47.9492, 53.9478, 72.8515



57.1525, 53.9478, 60.6400



49.0447, 53.9478, 44.9875

Complementary

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



47.9492, 53.9478, 72.8515



50.7614, 49.0485, 40.9754

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.



51.9350, 53.9478, 43.9626



47.9492, 53.9478, 72.8515



56.6906, 53.9478, 52.4910

Square

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



47.9492, 53.9478, 72.8515



55.9916, 53.9478, 69.0292



54.7527, 53.9478, 46.5796



46.8324, 53.9478, 49.5277

Rectangle

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



47.9492, 53.9478, 72.8515



52.6080, 53.9478, 76.1058



54.7527, 53.9478, 46.5796



49.9662, 53.9478, 44.2398

Sweetspot

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



47.9508, 53.9500, 72.8527



87.1213, 93.4427, 108.0522



47.4229, 59.9804, 50.8309



18.5077, 19.8836, 23.1124



0.0000, 0.0000, 0.0000



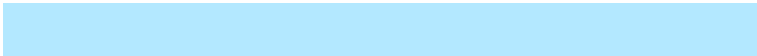
20.3446, 21.4041, 23.3091

Same Dimension

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



47.9508, 53.9500, 72.8527



65.4765, 74.6472, 105.5651



42.3742, 42.7967, 70.9939



12.4671, 13.4576, 15.8780



14.0812, 16.4242, 40.8812



0.9197, 1.1314, 2.4892

Inverse Universe

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



51.6658, 44.6110, 60.5337



71.8734, 59.1455, 84.2230



56.5057, 60.5371, 42.8902



12.7890, 12.5671, 14.8289



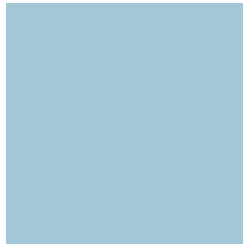
20.1664, 10.0029, 18.7121



1.2519, 0.6175, 1.3158

Previews

White Background



This preview shows how the XYZ color 47.9492, 53.9478, 72.8515 looks on a white background.

Color Contrast Check

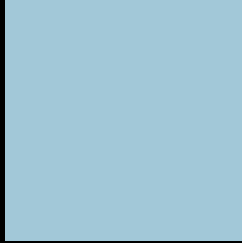
Large Text (above 18pt) WCAG AA × Fail

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 47.9492, 53.9478, 72.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

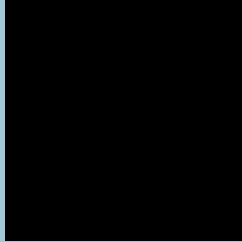
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9492, 53.9478, 72.8515

Background



This preview shows how black text looks on a background with the XYZ color 47.9492, 53.9478, 72.8515.



This preview shows how white text looks on a background with the XYZ color 47.9492, 53.9478,

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

47.9492, 53.9478, 72.8515

Protanopia

52.3457, 53.6089, 69.2167

Deuteranopia

54.9399, 53.8747, 73.8329



Tritanopia

47.9492, 53.9478, 72.8515

Trichromacy



Original Color

47.9492, 53.9478, 72.8515

Protanomaly

50.5814, 53.6581, 70.6419

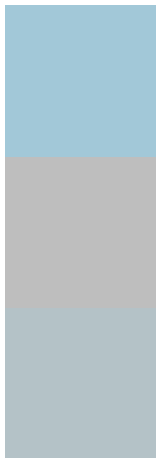
Deuteranomaly

52.0879, 53.7145, 73.2682

Tritanomaly

47.9492, 53.9478, 72.8515

Monochromacy



Original Color

47.9492, 53.9478, 72.8515

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.4230, 52.4104, 61.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9492, 53.9478, 72.8515 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(162, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 216)  
}
```

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(162, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 216) }
```

Border

The CSS property to change the border of an element to XYZ 47.9492, 53.9478, 72.8515 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(162, 200, 216) }
```


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

```
.border{ border-color:rgb(162, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9492, 53.9478, 72.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 216) }
```

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

```
.background{ background-color: rgb(162,  
200, 216) }
```

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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