

Converting Colors

XYZ(43.2820, 49.6691, 23.4738)

Have a look what the booklet for
XYZ(43.2820, 49.6691, 23.4738)
contains.

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Color

**XYZ(43.2112, 49.5758,
23.5113)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBF73
RGB	191, 191, 115
RGB Percent	75%, 75%, 45%
CMY	0.2510, 0.2510, 0.5490
CMYK	0.00, 0.00, 0.40, 0.25
HSL	60°, 37%, 60%
HSV	60°, 40%, 75%
XYZ	43.2112, 49.5758, 23.5113
YIQ	182.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

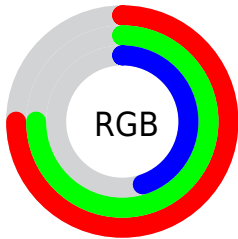
Format	Color
RYB	115, 191, 115
Decimal	12566387
CIELab	75.81, -11.26, 38.30
CIELCh	76, 39.923, 106.383
Yxy	49.5758, 0.3716, 0.4263
Android (android.graphics.Color)	4290756467 (0xFFBFBF73)
YUV	182.3360, -33.1966, 7.5983
Hunter-Lab	70.4101, -13.6709, 29.4890

Details

The XYZ color **43.2112, 49.5758, 23.5113** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.6067, 19.6691, 51.8982**, and the grayscale version is **44.8138, 47.1476, 51.3438**.

A 20% lighter version of the original color is **79.0400, 89.3051, 50.1175**, and **20.1960, 23.7929, 8.5291** is the 20% darker color. If you saturate the color by 10%, you get **42.2243, 49.1828, 18.3104**, and if you desaturate by 10%, it is **44.4284, 50.0645, 29.9137**.

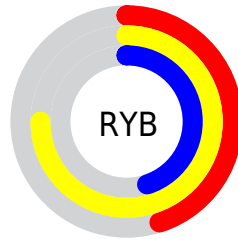
Distribution



Red (75%)

Green (75%)

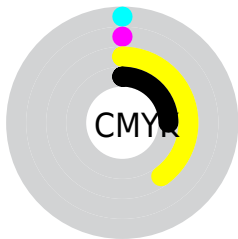
Blue (45%)



Red (45%)

Yellow (75%)

Blue (45%)

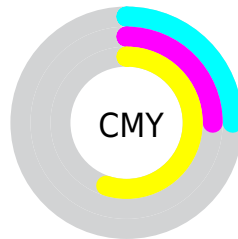


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2112, 49.5758, 23.5113 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 43.2112, 49.5758, 23.5113 by changing the saturation by 10% instead.


 43.2112, 49.5758,
23.5113


 43.2112, 49.5758,
23.5113


350.3864,
385.0047, 283.5469


 30.2461, 35.0765,
14.7627


 79.2832, 89.5460,
50.1653

 20.1745, 23.7218,
8.5082


 103.1208,
115.7857, 68.9078

 12.6309, 15.1274,
4.3294


 131.3133,
146.7077, 91.8186

 7.2501, 8.9088,
1.8078

164.2260,
182.6962, 119.3163

 3.6667, 4.6818,
0.4331

202.2243,
224.1358, 151.8195

 1.5154, 2.0618,
0.0000

245.6736,

 0.3363, 0.6430,

271.4108, 189.7466

0.0000

294.9392,
324.9057, 233.5162

■ 0.0000, 0.0000,
0.0000

■ 43.2112, 49.5758,
23.5113

■ 43.2112, 49.5758,
23.5113

■ 42.2243, 49.1828,
18.3104

■ 44.4284, 50.0645,
29.9137

■ 41.4497, 48.8729,
14.2332

■ 45.8850, 50.6472,
37.5826

■ 40.8729, 48.6422,
11.1978


■ 47.5944, 51.3309,
46.5823


■ 40.4761, 48.4834,
9.1098


■ 49.5676, 52.1203,
56.9716


■ 40.2380, 48.3881,
7.8578


■ 51.8153, 53.0194,
68.8059


 40.1180, 48.3401,
7.2276

 54.3473, 54.0322,
82.1375

 40.1158, 48.3392,
7.2161

 57.1731, 55.1626,
97.0163

 58.1704, 55.5615,
102.2663

 58.1707, 55.5617,
102.2663

Harmonies

Analogous

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



50.5583, 49.5758, 23.2194



43.2112, 49.5758, 23.5113



37.5313, 49.5758, 30.4220

Triad

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



43.2112, 49.5758, 23.5113



37.9510, 49.5758, 89.2770



62.3844, 49.5758, 64.1780

Complementary

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



43.2112, 49.5758, 23.5113



22.6067, 19.6691, 51.8982

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.



58.2176, 49.5758, 87.3418



43.2112, 49.5758, 23.5113



43.8418, 49.5758, 104.2009

Square

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



43.2112, 49.5758, 23.5113



34.7195, 49.5758, 66.3387



51.2583, 49.5758, 103.4119



62.1698, 49.5758, 43.2596

Rectangle

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



43.2112, 49.5758, 23.5113



35.2240, 49.5758, 39.2143



51.2583, 49.5758, 103.4119



61.4324, 49.5758, 72.0518

Sweetspot

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



43.2124, 49.5781, 23.5123



84.4600, 91.6179, 79.3346



30.7128, 24.5769, 19.3454



18.4552, 20.0819, 16.9398



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.2124, 49.5781, 23.5123



75.7838, 88.1471, 33.6573



34.8641, 45.2744, 23.1216



10.3222, 11.1205, 10.1791



26.3621, 31.7660, 4.7420



1.0326, 1.2443, 0.1857

Inverse Universe

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



22.6067, 19.6691, 51.8982



33.6403, 26.9763, 91.7130



28.6731, 22.7965, 52.1821



9.0166, 9.2254, 11.9777



6.1803, 2.4721, 32.5443



0.2421, 0.0968, 1.2748

Previews

White Background



This preview shows how the XYZ color 43.2112, 49.5758, 23.5113 looks on a white background.

Color Contrast Check

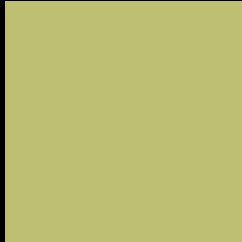
Large Text (above 18pt) WCAG AA × Fail

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 43.2112, 49.5758, 23.5113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

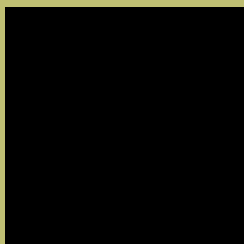
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

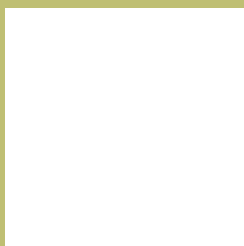
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2112, 49.5758, 23.5113

Background



This preview shows how black text looks on a background with the XYZ color 43.2112, 49.5758, 23.5113.



This preview shows how white text looks on a background with the XYZ color 43.2112, 49.5758,

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

43.2112, 49.5758, 23.5113

Protanopia

45.6528, 49.5703, 22.7846

Deuteranopia

50.2417, 49.1563, 23.9796



Tritanopia

50.3071, 49.3126, 59.0914

Trichromacy



Original Color

43.2112, 49.5758, 23.5113

Protanomaly

44.5737, 49.3235, 23.0907

Deuteranomaly

47.5849, 49.2975, 23.8370

Tritanomaly

47.3500, 49.3583, 43.5907

Monochromacy



Original Color

43.2112, 49.5758, 23.5113

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5281, 47.4808, 39.2183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2112, 49.5758, 23.5113 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(191, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 115)  
}
```

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(191, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 43.2112, 49.5758, 23.5113 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(191, 191, 115) }
```


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

```
.border{ border-color:rgb(191, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2112, 49.5758, 23.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 115) }
```

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

```
.background{ background-color: rgb(191,  
191, 115) }
```

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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