

Converting Colors

XYZ(48.2650, 59.4191, 44.5225)

Have a look what the booklet for
XYZ(48.2650, 59.4191, 44.5225)
contains.

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Color

**XYZ(48.2650, 59.4191,
44.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD5A5
RGB	175, 213, 165
RGB Percent	69%, 84%, 65%
CMY	0.3137, 0.1647, 0.3529
CMYK	0.18, 0.00, 0.23, 0.16
HSL	108°, 36%, 74%
HSV	108°, 23%, 84%
XYZ	48.2650, 59.4191, 44.5225
YIQ	196.1660, -7.2400, -22.9840

Conversions

Conversions Part 2

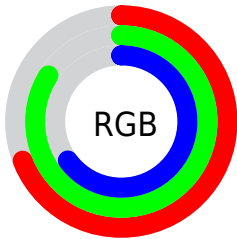
Format	Color
RYB	165, 213, 203
Decimal	11523493
CIELab	81.52, -21.45, 19.69
CIElCh	82, 29.118, 137.440
Yxy	59.4191, 0.3171, 0.3904
Android (android.graphics.Color)	4289713573 (0xFFAFD5A5)
YUV	196.1660, -15.3648, -18.5626
Hunter-Lab	77.0838, -23.1312, 19.7136

Details

The XYZ color **48.2650, 59.4191, 44.5225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.0964, 44.4126, 68.8861**, and the grayscale version is **52.6627, 55.4053, 60.3364**.

A 20% lighter version of the original color is **81.6333, 93.6762, 81.4889**, and **23.2335, 29.7835, 20.1470** is the 20% darker color. If you saturate the color by 10%, you get **42.9343, 56.8784, 34.9818**, and if you desaturate by 10%, it is **54.3945, 62.3377, 55.7886**.

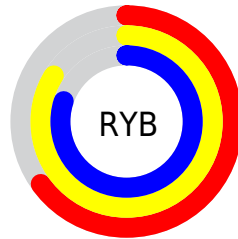
Distribution



Red (69%)

Green (84%)

Blue (65%)



Red (65%)

Yellow (84%)

Blue (80%)

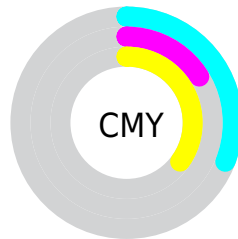


Cyan (18%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (31%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2650, 59.4191, 44.5225 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 48.2650, 59.4191, 44.5225 by changing the saturation by 10% instead.

 48.2650, 59.4191,
44.5225


 48.2650, 59.4191,
44.5225


370.4067,
422.4533, 380.9398

 34.2489, 42.9506,
30.7413


 86.8061, 103.9865,
83.3142

 23.2487, 29.8463,
20.1451


 112.0619,
132.8542, 109.1619

 14.8989, 19.7220,
12.3154


141.7950,
166.6238, 139.8687

 8.8343, 12.1931,
6.8337

176.3706,
205.6796, 175.8532

 4.6895, 6.8753,
3.2815

216.1543,
250.4061, 217.5341

 2.0991, 3.3843,
1.2401

261.5113,

 0.6888, 1.3355,

301.1876, 265.3298

0.0119

312.8070,
358.4085, 319.6588

■ 0.0000, 0.1684,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.2650, 59.4191,
44.5225

■ 48.2650, 59.4191,
44.5225

■ 42.9343, 56.8784,
34.9818

■ 54.3945, 62.3377,
55.7886

■ 38.3644, 54.6928,
27.0776

■ 61.3494, 65.6411,
68.8552

■ 34.5210, 52.8482,
20.7190

■ 69.1609, 69.3454,
83.7978

■ 31.3654, 51.3269,
15.8047

■ 77.8571, 73.4637,
100.6865

■ 28.8552, 50.1096,
12.2212

■ 83.0854, 76.0709,
104.9118

■ 26.9427, 49.1744,
9.8383

■ 25.5731, 48.4966,
8.4992

■ 24.8501, 48.1346,
7.9812

Harmonies

Analogous

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



53.0311, 59.4191, 37.6367



48.2650, 59.4191, 44.5225



45.7777, 59.4191, 57.6600

Triad

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



48.2650, 59.4191, 44.5225



53.9622, 59.4191, 103.3627



68.4291, 59.4191, 55.1372

Complementary

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



48.2650, 59.4191, 44.5225



50.0964, 44.4126, 68.8861

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.



68.7235, 59.4191, 72.2850



48.2650, 59.4191, 44.5225



60.0671, 59.4191, 102.3536

Square

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



48.2650, 59.4191, 44.5225



48.9043, 59.4191, 92.7472



65.5693, 59.4191, 90.1976



64.7917, 59.4191, 42.9634

Rectangle

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



48.2650, 59.4191, 44.5225



45.6197, 59.4191, 69.1482



65.5693, 59.4191, 90.1976



68.9312, 59.4191, 60.4416

Sweetspot

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



48.2666, 59.4216, 44.5238



87.2986, 96.3208, 94.2264



55.4962, 59.3886, 44.1364



18.5488, 20.5517, 19.9115



0.0000, 0.0000, 0.0000



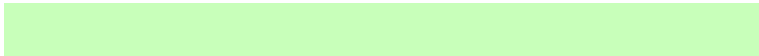
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2666, 59.4216, 44.5238



68.5898, 87.4187, 59.7965



47.4094, 58.8290, 51.2938



12.5017, 14.0193, 13.2078



15.2479, 29.4369, 4.8782



0.9897, 1.8116, 0.2975

Inverse Universe

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



50.0964, 44.4126, 68.8861



71.7996, 61.0417, 102.6057



51.2532, 45.2001, 60.3022



12.6880, 12.4961, 15.6808



17.3702, 8.1072, 39.1025



1.1128, 0.5225, 2.3615

Previews

White Background



This preview shows how the XYZ color 48.2650, 59.4191, 44.5225 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 48.2650, 59.4191, 44.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

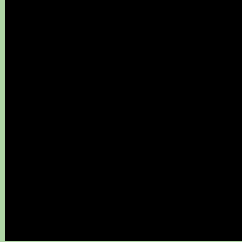
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2650, 59.4191, 44.5225

Background



This preview shows how black text looks on a background with the XYZ color 48.2650, 59.4191, 44.5225.



This preview shows how white text looks on a background with the XYZ color 48.2650, 59.4191,

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

48.2650, 59.4191, 44.5225

Protanopia

55.4900, 59.2262, 41.7649

Deuteranopia

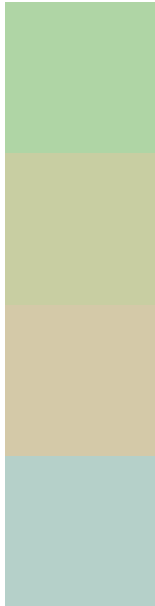
60.0575, 58.7718, 45.7148



Tritanopia

54.7833, 59.1269, 77.6325

Trichromacy



Original Color

48.2650, 59.4191, 44.5225

Protanomaly

52.4123, 59.0306, 42.8140

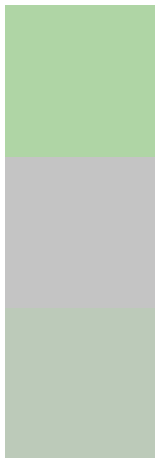
Deuteranomaly

55.1059, 58.5975, 45.4518

Tritanomaly

52.1545, 59.1526, 63.9271

Monochromacy



Original Color

48.2650, 59.4191, 44.5225

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.6165, 56.4352, 54.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2650, 59.4191, 44.5225 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(175, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 213, 165)  
}
```

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(175, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 165) }
```

Border

The CSS property to change the border of an element to XYZ 48.2650, 59.4191, 44.5225 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(175, 213, 165) }
```


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

```
.border{ border-color:rgb(175, 213, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 213, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2650, 59.4191, 44.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 165) }
```

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

```
.background{ background-color: rgb(175,  
213, 165) }
```

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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