

Converting Colors

XYZ(52.7995, 66.0606, 49.2120)

Have a look what the booklet for
XYZ(52.7995, 66.0606, 49.2120)
contains.

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Color

**XYZ(52.6925, 65.8736,
48.9674)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E0AC
RGB	179, 224, 172
RGB Percent	70%, 88%, 67%
CMY	0.2980, 0.1215, 0.3255
CMYK	0.20, 0.00, 0.23, 0.12
HSL	112°, 46%, 78%
HSV	112°, 23%, 88%
XYZ	52.6925, 65.8736, 48.9674
YIQ	204.6170, -10.1280, -25.7120

Conversions

Conversions Part 2

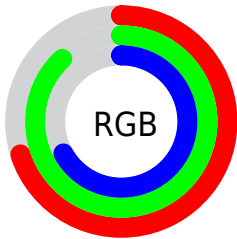
Format	Color
RYB	172, 224, 217
Decimal	11788460
CIELab	84.93, -24.31, 20.79
CIELCh	85, 31.984, 139.457
Yxy	65.8736, 0.3145, 0.3932
Android (android.graphics.Color)	4289978540 (0xFFB3E0AC)
YUV	204.6170, -16.0802, -22.4661
Hunter-Lab	81.1626, -26.1484, 21.0426

Details

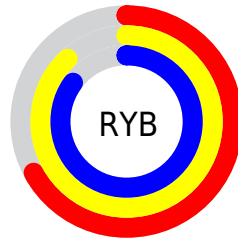
The XYZ color **52.6925, 65.8736, 48.9674** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.8250, 49.6404, 77.1110**, and the grayscale version is **57.8900, 60.9048, 66.3253**.

A 20% lighter version of the original color is **84.0245, 94.7836, 87.2653**, and **25.9752, 34.0678, 22.6595** is the 20% darker color. If you saturate the color by 10%, you get **46.5504, 62.9372, 38.3808**, and if you desaturate by 10%, it is **59.8306, 69.2855, 61.4963**.

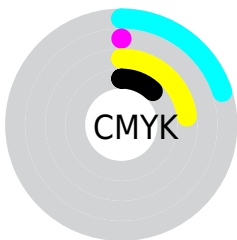
Distribution



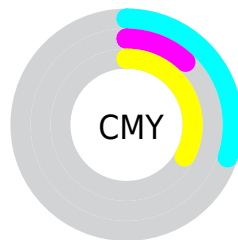
- Red (70%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6925, 65.8736, 48.9674 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 52.6925, 65.8736, 48.9674 by changing the saturation by 10% instead.


 52.6925, 65.8736,
48.9674

 52.6925, 65.8736,
48.9674


387.3844,
445.9247, 399.2327

 37.7838, 48.1698,
34.2282


 93.3199, 113.3049,
90.0235

 25.9914, 33.9614,
22.7902


119.7694,
143.8012, 117.1775

 16.9499, 22.8639,
14.2348


150.7965,
179.3304, 149.3069

 10.2938, 14.4931,
8.1436

186.7667,
220.2770, 186.8301

 5.6580, 8.4644,
4.0979

228.0452,
267.0253, 230.1658

 2.6769, 4.3935,
1.6792

274.9974,

 0.9853, 1.8960,

319.9598, 279.7324

0.3464

327.9887,
379.4648, 335.9486

■ 0.0000, 0.5460,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6925, 65.8736,
48.9674

■ 52.6925, 65.8736,
48.9674

■ 46.5504, 62.9372,
38.3808

■ 59.8306, 69.2855,
61.4963

■ 41.3549, 60.4469,
29.6352

■ 68.0011, 73.1838,
76.0532

■ 37.0599, 58.3835,
22.6268

■ 77.2448, 77.5897,
92.7241

■ 33.6136, 56.7225,
17.2396

■ 85.9470, 81.7939,
105.8657

■ 30.9586, 55.4373,
13.3437

■ 29.0304, 54.4978,
10.7891

■ 27.7536, 53.8691,
9.3944

■ 27.1968, 53.5922,
8.9109

Harmonies

Analogous

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



58.1228, 65.8736, 40.5248



52.6925, 65.8736, 48.9674



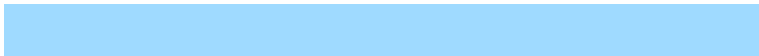
49.9926, 65.8736, 64.7298

Triad

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



52.6925, 65.8736, 48.9674



60.1181, 65.8736, 118.0537



76.5546, 65.8736, 59.3416

Complementary

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



52.6925, 65.8736, 48.9674



56.8250, 49.6404, 77.1110

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.



77.1916, 65.8736, 79.2071



52.6925, 65.8736, 48.9674



67.3243, 65.8736, 115.8497

Square

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



52.6925, 65.8736, 48.9674



54.0570, 65.8736, 106.1713



73.7018, 65.8736, 100.6251



72.0226, 65.8736, 45.6740

Rectangle

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



52.6925, 65.8736, 48.9674



49.9535, 65.8736, 78.4216



73.7018, 65.8736, 100.6251



77.2438, 65.8736, 65.4212

Sweetspot

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



52.6942, 65.8764, 48.9688



86.8514, 96.0902, 94.2054



62.7968, 68.0433, 48.8546



18.4456, 20.4985, 19.9067



0.0000, 0.0000, 0.0000



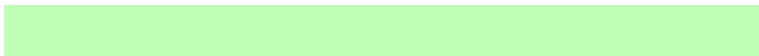
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6942, 65.8764, 48.9688



66.4157, 86.3290, 58.2906



52.9871, 65.8114, 58.7417



13.6995, 15.4252, 14.5621



15.8847, 31.2214, 5.1891



1.1571, 2.1930, 0.3623

Inverse Universe

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



56.8250, 49.6404, 77.1110



72.8999, 60.8177, 102.5045



56.6116, 49.8006, 64.8964



14.1041, 13.8372, 17.3152



20.8307, 9.8339, 41.8486



1.4948, 0.7079, 2.9031

Previews

White Background



This preview shows how the XYZ color 52.6925, 65.8736, 48.9674 looks on a white background.

Color Contrast Check

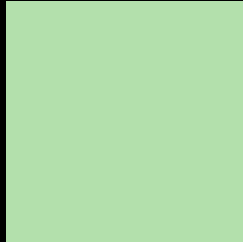
Large Text (above 18pt) WCAG AA × Fail

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 52.6925, 65.8736, 48.9674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

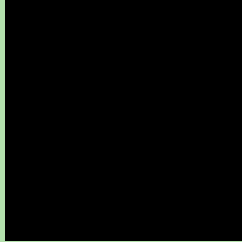
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6925, 65.8736, 48.9674

Background



This preview shows how black text looks on a background with the XYZ color 52.6925, 65.8736, 48.9674.



This preview shows how white text looks on a background with the XYZ color 52.6925, 65.8736,

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

52.6925, 65.8736, 48.9674

Protanopia

61.2285, 65.3493, 45.4630

Deuteranopia

66.5006, 65.0796, 50.1309



Tritanopia

60.2501, 65.8137, 86.6186

Trichromacy



Original Color

52.6925, 65.8736, 48.9674

Protanomaly

57.6362, 65.3488, 46.6216

Deuteranomaly

60.5473, 64.8993, 49.8931

Tritanomaly

57.0970, 65.6805, 71.2963

Monochromacy



Original Color

52.6925, 65.8736, 48.9674

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9341, 62.6730, 59.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6925, 65.8736, 48.9674 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(179, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 172)  
}
```

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(179, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.6925, 65.8736, 48.9674 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(179, 224, 172) }
```


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

```
.border{ border-color:rgb(179, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6925, 65.8736, 48.9674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 172) }
```

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

```
.background{ background-color: rgb(179,  
224, 172) }
```

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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