

Converting Colors

XYZ(53.2371, 63.2328, 52.5272)

Have a look what the booklet for
XYZ(53.2371, 63.2328, 52.5272)
contains.

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Color

**XYZ(53.3008, 63.3601,
52.6005)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD9B4
RGB	186, 217, 180
RGB Percent	73%, 85%, 71%
CMY	0.2706, 0.1490, 0.2941
CMYK	0.14, 0.00, 0.17, 0.15
HSL	110°, 33%, 78%
HSV	110°, 17%, 85%
XYZ	53.3008, 63.3601, 52.6005
YIQ	203.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

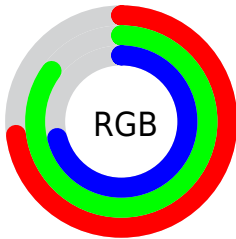
Format	Color
RYB	180, 217, 211
Decimal	12245428
CIELab	83.63, -17.13, 14.85
CIELCh	84, 22.666, 139.074
Yxy	63.3601, 0.3149, 0.3743
Android (android.graphics.Color)	4290435508 (0xFFBAD9B4)
YUV	203.5130, -11.5919, -15.3589
Hunter-Lab	79.5991, -19.7719, 16.5394

Details

The XYZ color **53.3008, 63.3601, 52.6005** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.7121, 51.5029, 72.6536**, and the grayscale version is **57.1625, 60.1394, 65.4918**.

A 20% lighter version of the original color is **87.5183, 96.4534, 93.3615**, and **26.4240, 32.3595, 24.9320** is the 20% darker color. If you saturate the color by 10%, you get **47.1216, 60.4122, 41.6611**, and if you desaturate by 10%, it is **60.3917, 66.7417, 65.3919**.

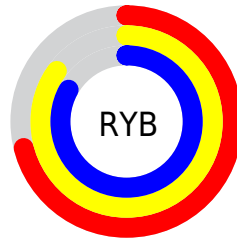
Distribution



Red (73%)

Green (85%)

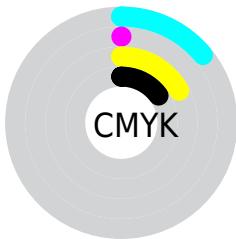
Blue (71%)



Red (71%)

Yellow (85%)

Blue (83%)

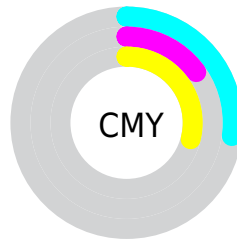


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3008, 63.3601, 52.6005 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 53.3008, 63.3601, 52.6005 by changing the saturation by 10% instead.

■ 53.3008, 63.3601,
52.6005

■ 53.3008, 63.3601,
52.6005

389.6801,
436.8752, 413.7732

■ 38.2714, 46.1326,
37.0984

■ 94.2098, 109.6889,
95.4518

■ 26.3716, 32.3505,
24.9873

120.8200,
139.5589, 123.6381

■ 17.2360, 21.6293,
15.8487

152.0213,
174.4119, 156.8896

■ 10.4992, 13.5848,
9.2639

188.1789,
214.6323, 195.6248

■ 5.7960, 7.8325,
4.8146

229.6583,
260.6044, 240.2622

■ 2.7609, 3.9879,
2.0821


276.8247,

■ 1.0286, 1.6668,


312.7126, 291.2204


0.6051


330.0435,
371.3414, 348.9179


 0.0000, 0.4020,
0.0000


 0.0000, 0.0000,
0.0000


 53.3008, 63.3601,
52.6005


 53.3008, 63.3601,
52.6005


 47.1216, 60.4122,
41.6611


 60.3917, 66.7417,
65.3919


 41.8118, 57.8725,
32.4839

 68.4240, 70.5650,
80.1112

 37.3336, 55.7254,
24.9780

 77.4327, 74.8483,
96.8349

 33.6440, 53.9509,
19.0427

 84.1041, 78.1082,
105.2514

■ 30.6963, 52.5273,
14.5665

■ 28.4387, 51.4307,
11.4232

■ 26.8123, 50.6340,
9.4650

■ 25.7455, 50.1043,
8.4979

■ 25.5135, 49.9887,
8.3041

Harmonies

Analogous

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



57.1593, 63.3601, 46.2636



53.3008, 63.3601, 52.6005



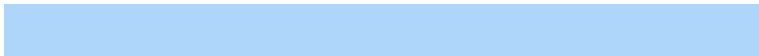
51.3361, 63.3601, 63.9405

Triad

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



53.3008, 63.3601, 52.6005



58.4325, 63.3601, 99.4261



69.6908, 63.3601, 60.4435

Complementary

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



53.3008, 63.3601, 52.6005



55.7121, 51.5029, 72.6536

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.



70.0781, 63.3601, 74.2952



53.3008, 63.3601, 52.6005



63.3920, 63.3601, 98.1503

Square

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



53.3008, 63.3601, 52.6005



54.1888, 63.3601, 91.7471



67.7176, 63.3601, 88.4690



66.6869, 63.3601, 50.3437

Rectangle

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



53.3008, 63.3601, 52.6005



51.2880, 63.3601, 73.3854



67.7176, 63.3601, 88.4690



70.1373, 63.3601, 64.7706

Sweetspot

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



53.3025, 63.3628, 52.6019



89.2430, 97.2357, 98.2662



60.1091, 64.5557, 52.4734



18.9330, 20.7321, 20.7254



0.0000, 0.0000, 0.0000



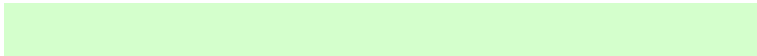
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3025, 63.3628, 52.6019



73.8880, 89.9167, 70.5881



53.1886, 63.1524, 59.4510



13.0822, 14.7071, 13.8748



15.5024, 30.2893, 5.0294



1.0662, 1.9942, 0.3287

Inverse Universe

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



55.7121, 51.5029, 72.6536



77.9059, 70.1310, 104.0383



55.9180, 51.7876, 64.5981



13.3963, 13.1624, 16.4867



19.3091, 9.0784, 40.4730



1.3075, 0.6173, 2.6247

Previews

White Background



This preview shows how the XYZ color 53.3008, 63.3601, 52.6005 looks on a white background.

Color Contrast Check

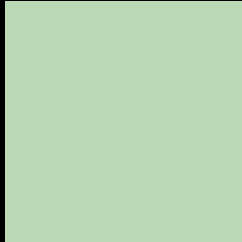
Large Text (above 18pt) WCAG AA × Fail

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 53.3008, 63.3601, 52.6005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

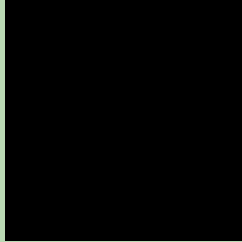
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3008, 63.3601, 52.6005

Background



This preview shows how black text looks on a background with the XYZ color 53.3008, 63.3601, 52.6005.



This preview shows how white text looks on a background with the XYZ color 53.3008, 63.3601,

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

53.3008, 63.3601, 52.6005

Protanopia

59.5072, 63.2670, 49.6328

Deuteranopia

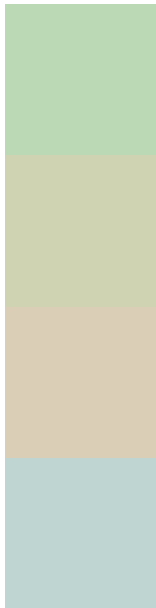
64.1266, 62.7320, 53.5284



Tritanopia

59.1599, 63.1086, 81.7362

Trichromacy



Original Color

53.3008, 63.3601, 52.6005

Protanomaly

56.9622, 63.0283, 50.7584

Deuteranomaly

59.4282, 62.4254, 53.1731

Tritanomaly

56.9130, 63.3180, 70.1947

Monochromacy



Original Color

53.3008, 63.3601, 52.6005

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6767, 61.4114, 60.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3008, 63.3601, 52.6005 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(186, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 217, 180)  
}
```

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(186, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 217, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.3008, 63.3601, 52.6005 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(186, 217, 180) }
```


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

```
.border{ border-color:rgb(186, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 217,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3008, 63.3601, 52.6005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 217, 180) }
```

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

```
.background{ background-color: rgb(186,  
217, 180) }
```

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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