

Converting Colors

XYZ(53.8739, 67.1984, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 67.1984, 61.7163)
contains.

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Color

**XYZ(53.8413, 66.9908,
61.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE2C3
RGB	171, 226, 195
RGB Percent	67%, 89%, 76%
CMY	0.3294, 0.1137, 0.2353
CMYK	0.24, 0.00, 0.14, 0.11
HSL	146°, 49%, 78%
HSV	146°, 24%, 89%
XYZ	53.8413, 66.9908, 61.7225
YIQ	206.0210, -22.8290, -21.3010

Conversions

Conversions Part 2

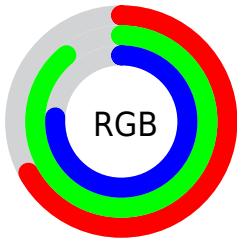
Format	Color
RYB	171, 209, 226
Decimal	11264707
CIELab	85.50, -23.79, 9.48
CIElCh	85, 25.605, 158.279
Yxy	66.9908, 0.2949, 0.3670
Android (android.graphics.Color)	4289454787 (0xFFABE2C3)
YUV	206.0210, -5.4334, -30.7134
Hunter-Lab	81.8479, -25.8127, 12.5822

Details

The XYZ color **53.8413, 66.9908, 61.7225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.5900, 49.5605, 62.4636**, and the grayscale version is **58.7253, 61.7836, 67.2824**.

A 20% lighter version of the original color is **85.0092, 94.8792, 105.9285**, and **26.6537, 34.5241, 30.4583** is the 20% darker color. If you saturate the color by 10%, you get **47.9538, 64.1169, 54.2468**, and if you desaturate by 10%, it is **60.6971, 70.3533, 69.8879**.

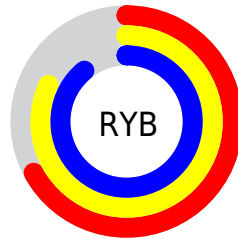
Distribution



Red (67%)

Green (89%)

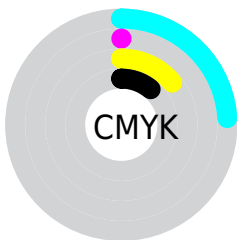
Blue (76%)



Red (67%)

Yellow (82%)

Blue (89%)

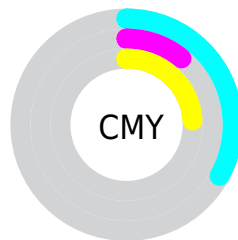


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (11%)



Cyan (33%)


Magenta (11%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8413, 66.9908, 61.7225 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 53.8413, 66.9908, 61.7225 by changing the saturation by 10% instead.


 53.8413, 66.9908,
61.7225

 53.8413, 66.9908,
61.7225


391.7128,
449.9120, 448.8978

 38.7050, 49.0772,
44.3742


 94.9994, 114.9072,
108.8921

 26.7100, 34.6807,
30.6254


121.7520,
145.6788, 139.5504

 17.4910, 23.4170,
20.0577


153.1073,
181.5051, 175.4824

 10.6826, 14.9017,
12.2525

189.4307,
222.7706, 217.1068

 5.9196, 8.7504,
6.7913

231.0876,
269.8597, 264.8420

 2.8364, 4.5788,
3.2554

278.4433,

 1.0679, 2.0023,

323.1566, 319.1065

1.2265

331.8633,
383.0460, 380.3189

■ 0.0000, 0.6088,
0.0004

■ 0.0000, 0.0000,
0.0000

■ 53.8413, 66.9908,
61.7225

■ 53.8413, 66.9908,
61.7225

■ 47.9538, 64.1169,
54.2468

■ 60.6971, 70.3533,
69.8879

■ 42.9832, 61.7000,
47.4382

■ 68.5584, 74.2179,
78.7558

■ 38.8816, 59.7177,
41.2794

■ 77.4671, 78.6074,
88.3445

■ 35.5943, 58.1420,
35.7504

■ 85.0657, 82.3065,
98.5581

■ 33.0601, 56.9418,
30.8303

■ 86.4876, 82.8752,
106.0459

■ 31.2082, 56.0811,
26.4968

■ 29.9533, 55.5163,
22.7260

■ 29.4314, 55.2887,
20.8286

Harmonies

Analogous

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



56.9950, 66.9908, 50.5840



53.8413, 66.9908, 61.7225



53.2380, 66.9908, 77.6500

Triad

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



53.8413, 66.9908, 61.7225



65.2962, 66.9908, 109.4346



72.8581, 66.9908, 54.8503

Complementary

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



53.8413, 66.9908, 61.7225



56.5900, 49.5605, 62.4636

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.



75.3890, 66.9908, 68.4275



53.8413, 66.9908, 61.7225



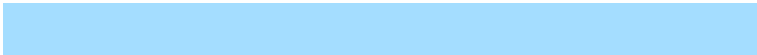
70.8527, 66.9908, 101.0728

Square

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



53.8413, 66.9908, 61.7225



59.6243, 66.9908, 106.9124



74.6336, 66.9908, 85.4439



67.9004, 66.9908, 47.0571

Rectangle

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



53.8413, 66.9908, 61.7225



54.3261, 66.9908, 89.1865



74.6336, 66.9908, 85.4439



74.0343, 66.9908, 58.7997

Sweetspot

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



53.8431, 66.9936, 61.7240



87.2072, 96.1392, 100.2975



58.9517, 69.9159, 48.9171



18.5280, 20.5099, 21.3137



0.0000, 0.0000, 0.0000



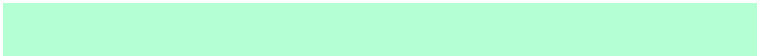
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8431, 66.9936, 61.7240



66.8783, 86.1700, 76.2697



57.2228, 68.3454, 79.5209



13.7759, 15.4361, 15.8552



16.8471, 31.5637, 12.1838



1.2121, 2.2056, 1.0782

Inverse Universe

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



56.5900, 49.5605, 62.4636



71.0573, 59.6414, 77.3901



53.6341, 48.3782, 46.8982



14.0292, 13.8293, 15.9239



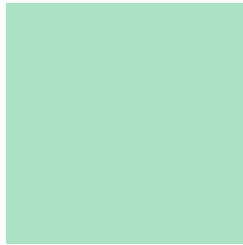
20.1538, 10.1285, 12.7414



1.4417, 0.7199, 1.1188

Previews

White Background



This preview shows how the XYZ color 53.8413, 66.9908, 61.7225 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 53.8413, 66.9908, 61.7225 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

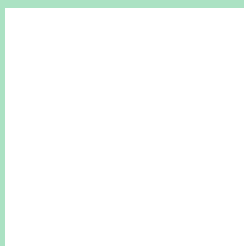
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8413, 66.9908, 61.7225

Background



This preview shows how black text looks on a background with the XYZ color 53.8413, 66.9908, 61.7225.



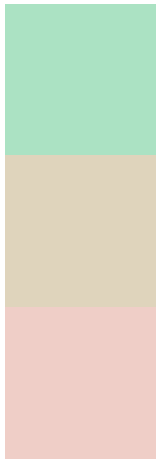
This preview shows how white text looks on a background with the XYZ color 53.8413, 66.9908,

61.7225.

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

53.8413, 66.9908, 61.7225

Protanopia

63.0520, 66.4058, 57.0714

Deuteranopia

67.9767, 66.6169, 63.3084



Tritanopia

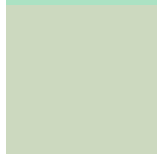
59.6162, 66.9432, 90.6681

Trichromacy



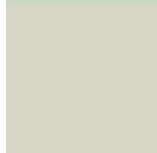
Original Color

53.8413, 66.9908, 61.7225



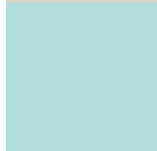
Protanomaly

59.1187, 66.2247, 58.9570



Deuteranomaly

61.7188, 65.9619, 62.9051



Tritanomaly

57.2106, 66.7466, 78.9753

Monochromacy



Original Color

53.8413, 66.9908, 61.7225



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.4472, 63.1902, 65.0990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8413, 66.9908, 61.7225 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(171, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 195)  
}
```

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(171, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.8413, 66.9908, 61.7225 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(171, 226, 195) }
```


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

```
.border{ border-color:rgb(171, 226, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 226, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 226, 195); box-shadow:4px 4px 4px 4px rgb(171, 226, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8413, 66.9908, 61.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 195) }
```

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

```
.background{ background-color: rgb(171,  
226, 195) }
```

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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