

Converting Colors

XYZ(42.6811, 53.5512, 38.0379)

Have a look what the booklet for
XYZ(42.6811, 53.5512, 38.0379)
contains.

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Color

**XYZ(42.6525, 53.3782,
38.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CC99
RGB	164, 204, 153
RGB Percent	64%, 80%, 60%
CMY	0.3569, 0.2000, 0.4000
CMYK	0.20, 0.00, 0.25, 0.20
HSL	107°, 33%, 70%
HSV	107°, 25%, 80%
XYZ	42.6525, 53.3782, 38.1920
YIQ	186.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

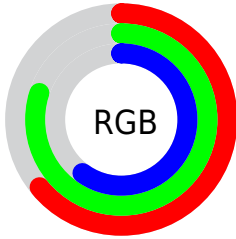
Format	Color
RYB	153, 204, 193
Decimal	10800281
CIELab	78.10, -22.79, 21.19
CIElCh	78, 31.121, 137.089
Yxy	53.3782, 0.3178, 0.3977
Android (android.graphics.Color)	4288990361 (0xFFA4CC99)
YUV	186.2260, -16.3804, -19.4922
Hunter-Lab	73.0604, -23.6478, 20.1487

Details

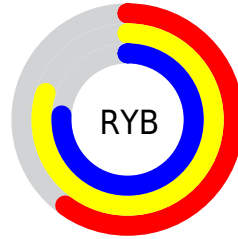
The XYZ color **42.6525, 53.3782, 38.1920** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.2849, 38.4811, 62.2232**, and the grayscale version is **46.8920, 49.3340, 53.7248**.

A 20% lighter version of the original color is **76.6604, 91.2897, 73.2548**, and **19.8602, 26.1515, 16.5714** is the 20% darker color. If you saturate the color by 10%, you get **38.0128, 51.1663, 29.9188**, and if you desaturate by 10%, it is **47.9986, 55.9242, 48.0042**.

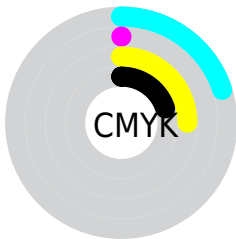
Distribution



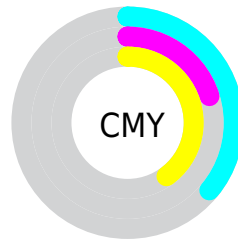
- Red (64%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6525, 53.3782, 38.1920 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 42.6525, 53.3782, 38.1920 by changing the saturation by 10% instead.

■ 42.6525, 53.3782,
38.1920

■ 42.6525, 53.3782,
38.1920

348.1265,
399.7344, 353.7657

■ 29.8059, 38.1048,
25.8288

■ 78.4452, 95.1607,
73.6090

■ 19.8386, 26.0640,
16.4710

■ 102.1220,
122.4385, 97.4999

■ 12.3854, 16.8715,
9.7001

130.1396,
154.4865, 126.0703

■ 7.0808, 10.1429,
5.0976

162.8633,
191.6892, 159.7389

■ 3.5594, 5.4938,
2.2449

200.6585,
234.4310, 198.9242

■ 1.4561, 2.5398,
0.7001

243.8905,

■ 0.2956, 0.8965,

283.0962, 244.0448

0.0000

292.9247,
338.0692, 295.5191

■ 0.0000, 0.0000,
0.0000

■ 42.6525, 53.3782,
38.1920

■ 42.6525, 53.3782,
38.1920

■ 38.0128, 51.1663,
29.9188

■ 47.9986, 55.9242,
48.0042

■ 34.0453, 49.2677,
23.1032

■ 54.0751, 58.8102,
59.4243

■ 30.7192, 47.6700,
17.6617

■ 60.9100, 62.0510,
72.5212

■ 27.9994, 46.3571,
13.5009

■ 68.5286, 65.6580,
87.3588

■ 25.8473, 45.3116,
10.5156

■ 76.9542, 69.6421,
103.9941

■ 24.2196, 44.5135,
8.5843

■ 80.8840, 71.6679,
104.1780

■ 23.0657, 43.9402,
7.5585

■ 22.6324, 43.7233,
7.2466

Harmonies

Analogous

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



47.3793, 53.3782, 31.6534



42.6525, 53.3782, 38.1920



40.1812, 53.3782, 50.9623

Triad

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



42.6525, 53.3782, 38.1920



48.1694, 53.3782, 97.1965



62.7361, 53.3782, 48.8348

Complementary

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



42.6525, 53.3782, 38.1920



44.2849, 38.4811, 62.2232

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.



62.9903, 53.3782, 65.9179



42.6525, 53.3782, 38.1920



54.2442, 53.3782, 96.3100

Square

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



42.6525, 53.3782, 38.1920



43.1910, 53.3782, 86.2195



59.7776, 53.3782, 83.9961



59.1085, 53.3782, 36.9035

Rectangle

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



42.6525, 53.3782, 38.1920



40.0051, 53.3782, 62.3460



59.7776, 53.3782, 83.9961



63.2286, 53.3782, 54.0890

Sweetspot

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



42.6539, 53.3805, 38.1932



86.2940, 95.8457, 92.2465



49.7128, 53.2576, 37.7974



18.1377, 20.3569, 19.1176



0.0000, 0.0000, 0.0000



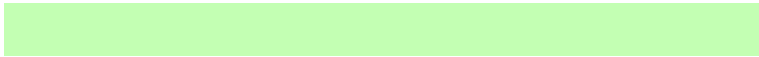
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6539, 53.3805, 38.1932



66.3512, 86.3563, 55.5545



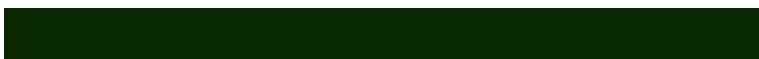
41.7482, 52.7672, 44.7637



11.2905, 12.6516, 11.9264



14.3095, 27.5521, 4.5639



0.8044, 1.4555, 0.2385

Inverse Universe

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



44.2849, 38.4811, 62.2232



69.4989, 57.5244, 102.0481



45.5402, 39.3193, 53.6491



11.4416, 11.2769, 14.1440



16.0667, 7.4902, 36.5552



0.8894, 0.4176, 1.8887

Previews

White Background



This preview shows how the XYZ color 42.6525, 53.3782, 38.1920 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 42.6525, 53.3782, 38.1920 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 42.6525, 53.3782, 38.1920

Background



This preview shows how black text looks on a background with the XYZ color 42.6525, 53.3782, 38.1920.



This preview shows how white text looks on a background with the XYZ color 42.6525, 53.3782,

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

42.6525, 53.3782, 38.1920

Protanopia

49.6485, 52.9592, 35.6224

Deuteranopia

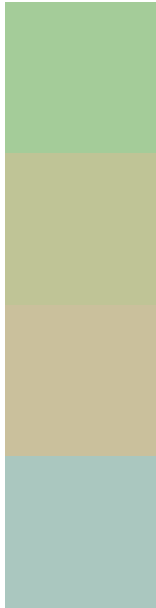
54.1752, 52.9795, 39.2690



Tritanopia

49.0792, 53.2320, 69.9754

Trichromacy



Original Color

42.6525, 53.3782, 38.1920

Protanomaly

46.7308, 52.7582, 36.5745

Deuteranomaly

49.2075, 52.6561, 39.0226

Tritanomaly

46.4050, 53.1545, 57.1043

Monochromacy



Original Color

42.6525, 53.3782, 38.1920

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.0700, 50.6609, 47.4475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6525, 53.3782, 38.1920 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(164, 204, 153)` looks like.

```
.text, #text, p{  
    color:rgb(164, 204, 153)  
}
```

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(164, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 204, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.6525, 53.3782, 38.1920 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(164, 204, 153) }
```


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

```
.border{ border-color:rgb(164, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 204, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 204, 153);  
box-shadow:4px 4px 4px 4px rgb(164, 204,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6525, 53.3782, 38.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 204, 153) }
```

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

```
.background{ background-color: rgb(164,  
204, 153) }
```

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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