

Converting Colors

XYZ(53.3351, 66.0354, 52.5917)

Have a look what the booklet for
XYZ(53.3351, 66.0354, 52.5917)
contains.

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Color

**XYZ(53.3827, 66.1497,
52.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E0B3
RGB	179, 224, 179
RGB Percent	70%, 88%, 70%
CMY	0.2980, 0.1215, 0.2980
CMYK	0.20, 0.00, 0.20, 0.12
HSL	120°, 42%, 79%
HSV	120°, 20%, 88%
XYZ	53.3827, 66.1497, 52.6024
YIQ	205.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

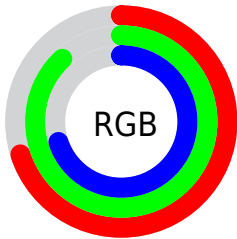
Format	Color
RYB	179, 224, 224
Decimal	11788467
CIELab	85.07, -23.13, 17.33
CIELCh	85, 28.900, 143.152
Yxy	66.1497, 0.3101, 0.3843
Android (android.graphics.Color)	4289978547 (0xFFB3E0B3)
YUV	205.4150, -13.0226, -23.1660
Hunter-Lab	81.3325, -25.1730, 18.5865

Details

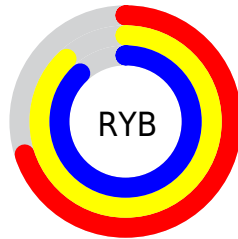
The XYZ color **53.3827, 66.1497, 52.6024** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.3174, 53.4707, 77.6657**, and the grayscale version is **58.3801, 61.4204, 66.8868**.

A 20% lighter version of the original color is **85.0163, 95.1803, 92.4881**, and **26.5580, 34.3179, 24.9629** is the 20% darker color. If you saturate the color by 10%, you get **46.5356, 62.8627, 41.4014**, and if you desaturate by 10%, it is **61.4424, 70.0232, 65.7840**.

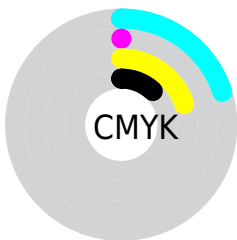
Distribution



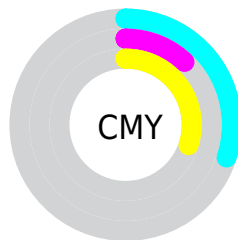
- Red (70%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (88%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3827, 66.1497, 52.6024 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 53.3827, 66.1497, 52.6024 by changing the saturation by 10% instead.


 53.3827, 66.1497,
52.6024

 53.3827, 66.1497,
52.6024

389.9885,
446.9121, 413.7808

 38.3371, 48.3939,
37.0999


 94.3295, 113.7012,
95.4547

 26.4228, 34.1390,
24.9885

120.9613,
144.2657, 123.6415

 17.2745, 23.0004,
15.8495


152.1860,
179.8685, 156.8936

 10.5269, 14.5938,
9.2645

188.3688,
220.8941, 195.6294

 5.8146, 8.5348,
4.8150

229.8751,
267.7269, 240.2674

 2.7723, 4.4390,
2.0823

277.0702,

 1.0345, 1.9220,

320.7512, 291.2263

0.6052

330.3196,
380.3515, 348.9246

0.0000, 0.5616,
0.0000

0.0000, 0.0000,
0.0000

53.3827, 66.1497,
52.6024

53.3827, 66.1497,
52.6024

46.5356, 62.8627,
41.4014

61.4424, 70.0232,
65.7840

40.8376, 60.1256,
32.0811

70.7638, 74.5007,
81.0307

36.2272, 57.9110,
24.5400

81.3996, 79.6096,
98.4274

32.6353, 56.1856,
18.6647

85.9470, 81.7939,
105.8657

■ 29.9848, 54.9125,
14.3293

■ 28.1876, 54.0492,
11.3895

■ 27.1390, 53.5455,
9.6742

■ 26.6570, 53.3140,
8.8858

Harmonies

Analogous

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



58.0810, 66.1497, 43.8460



53.3827, 66.1497, 52.6024



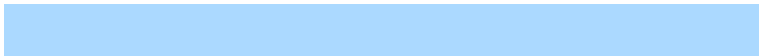
51.2505, 66.1497, 67.8369

Triad

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



53.3827, 66.1497, 52.6024



61.3931, 66.1497, 113.7844



75.0940, 66.1497, 58.8355

Complementary

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



53.3827, 66.1497, 52.6024



60.3174, 53.4707, 77.6657

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.



76.1326, 66.1497, 76.3837



53.3827, 66.1497, 52.6024



67.9222, 66.1497, 110.2538

Square

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



53.3827, 66.1497, 52.6024



55.6642, 66.1497, 104.6753



73.4269, 66.1497, 95.7236



70.6794, 66.1497, 46.9873

Rectangle

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



53.3827, 66.1497, 52.6024



51.4593, 66.1497, 80.4908



73.4269, 66.1497, 95.7236



75.8614, 66.1497, 64.1761

Sweetspot

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



53.3845, 66.1525, 52.6039



87.2771, 96.2663, 96.1861



65.5357, 72.4167, 53.1720



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



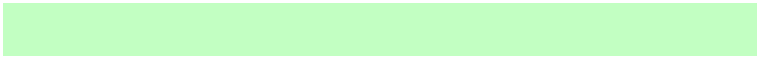
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3845, 66.1525, 52.6039



67.6721, 86.8490, 64.1188



55.8495, 67.1385, 65.5845



13.5288, 15.3373, 14.5542



15.5156, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



60.3174, 53.4707, 77.6657



78.5371, 66.9745, 103.3947



57.4642, 52.3294, 62.6409



14.2951, 13.9357, 17.3240



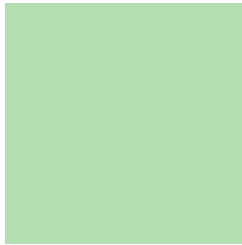
25.7244, 12.3567, 42.0758



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 53.3827, 66.1497, 52.6024 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 53.3827, 66.1497, 52.6024 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 53.3827, 66.1497, 52.6024

Background



This preview shows how black text looks on a background with the XYZ color 53.3827, 66.1497, 52.6024.



This preview shows how white text looks on a background with the XYZ color 53.3827, 66.1497,

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
53.3827, 66.1497, 52.6024
Protanopia
61.5776, 65.4530, 48.9234
Deuteranopia
67.1023, 65.6593, 53.9366



Tritanopia

60.4032, 66.2576, 87.4473

Trichromacy



Original Color

53.3827, 66.1497, 52.6024

Protanomaly

58.3062, 65.6168, 50.1497

Deuteranomaly

61.2530, 65.1816, 53.6089

Tritanomaly

57.7384, 66.3557, 73.3831

Monochromacy



Original Color

53.3827, 66.1497, 52.6024

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.2722, 62.8083, 61.3819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3827, 66.1497, 52.6024 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, 179)` looks like.

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

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, 179) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.3827, 66.1497, 52.6024 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, 179) }
```


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

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

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, 179)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 53.3827, 66.1497, 52.6024 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, 179) }
```

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

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

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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