

Converting Colors

XYZ(53.1455, 64.7237, 57.6856)

Have a look what the booklet for
XYZ(53.1455, 64.7237, 57.6856)
contains.

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Color

**XYZ(53.1732, 64.7341,
57.8365)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DDBD
RGB	177, 221, 189
RGB Percent	69%, 87%, 74%
CMY	0.3059, 0.1333, 0.2588
CMYK	0.20, 0.00, 0.14, 0.13
HSL	136°, 39%, 78%
HSV	136°, 20%, 87%
XYZ	53.1732, 64.7341, 57.8365
YIQ	204.1960, -15.9520, -19.2800

Conversions

Conversions Part 2

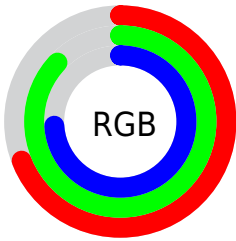
Format	Color
RYB	177, 212, 221
Decimal	11656637
CIELab	84.35, -20.54, 11.04
CIElCh	84, 23.315, 151.744
Yxy	64.7341, 0.3026, 0.3683
Android (android.graphics.Color)	4289846717 (0xFFB1DDBD)
YUV	204.1960, -7.4916, -23.8509
Hunter-Lab	80.4575, -22.8326, 13.6999

Details

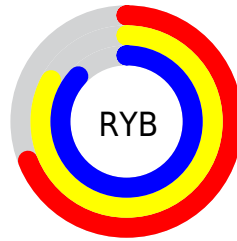
The XYZ color **53.1732, 64.7341, 57.8365** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.0518, 51.4214, 67.2428**, and the grayscale version is **57.5730, 60.5713, 65.9621**.

A 20% lighter version of the original color is **85.8457, 95.4362, 100.2827**, and **26.3923, 33.3351, 28.3358** is the 20% darker color. If you saturate the color by 10%, you get **46.8921, 61.6885, 48.9344**, and if you desaturate by 10%, it is **60.4664, 68.2828, 67.7981**.

Distribution



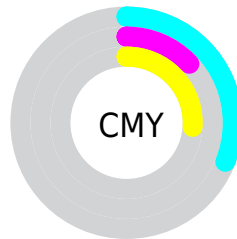
- Red (69%)
- Green (87%)
- Blue (74%)



- Red (69%)
- Yellow (83%)
- Blue (87%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)





- Cyan (31%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1732, 64.7341, 57.8365 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 53.1732, 64.7341, 57.8365 by changing the saturation by 10% instead.


 53.1732, 64.7341,
57.8365

 53.1732, 64.7341,
57.8365


389.1993,
441.8358, 434.1577

 38.1691, 47.2455,
41.2634


 94.0232, 111.6675,
103.1972

 26.2918, 33.2298,
28.2037

120.5998,
141.8811, 132.8218

 17.1759, 22.3025,
18.2389


151.7646,
177.1051, 167.6340

 10.4560, 14.0794,
10.9504

187.8830,
217.7240, 208.0523

 5.7669, 8.1759,
5.9198

229.3203,
264.1221, 254.4953

 2.7432, 4.2077,
2.7283


276.4419,

 1.0195, 1.7904,


316.6838, 307.3815


0.9576


329.6131,
375.7936, 367.1294


 0.0000, 0.4812,
0.0000


 0.0000, 0.0000,
0.0000


 53.1732, 64.7341,
57.8365


 53.1732, 64.7341,
57.8365


 46.8921, 61.6885,
48.9344


 60.4664, 68.2828,
67.7981


 41.5725, 59.1150,
41.0527

 68.8091, 72.3477,
78.8482

 37.1670, 56.9920,
34.1558

 78.2429, 76.9514,
91.0201

 33.6222, 55.2927,
28.2049

 84.8744, 80.0860,
104.1600

■ 30.8789, 53.9873,
23.1583

■ 85.1477, 80.1953,
105.5992

■ 28.8700, 53.0423,
18.9710

■ 27.5167, 52.4179,
15.5942

■ 26.6868, 52.0473,
12.9723

■ 26.6805, 52.0445,
12.9520

Harmonies

Analogous

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



56.4401, 64.7341, 48.9226



53.1732, 64.7341, 57.8365



52.1088, 64.7341, 71.3550

Triad

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



53.1732, 64.7341, 57.8365



61.8311, 64.7341, 102.9755



70.3830, 64.7341, 56.5302

Complementary

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



53.1732, 64.7341, 57.8365



57.0518, 51.4214, 67.2428

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.



72.0185, 64.7341, 69.6210



53.1732, 64.7341, 57.8365



66.9125, 64.7341, 97.6005

Square

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



53.1732, 64.7341, 57.8365



56.9366, 64.7341, 98.6816



70.7147, 64.7341, 84.8537



66.3595, 64.7341, 48.2460

Rectangle

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



53.1732, 64.7341, 57.8365



52.7409, 64.7341, 81.5765



70.7147, 64.7341, 84.8537



71.2402, 64.7341, 60.4464

Sweetspot

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



53.1750, 64.7368, 57.8379



87.9032, 96.5167, 99.4831



60.1647, 68.4845, 51.6436



18.6554, 20.5809, 21.0813



0.0000, 0.0000, 0.0000



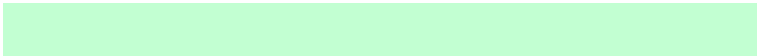
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1750, 64.7368, 57.8379



69.6509, 87.6405, 74.5387



55.7144, 65.7526, 71.2105



13.0317, 14.6643, 14.6298



15.5393, 30.2484, 7.7395



1.0427, 1.9740, 0.6907

Inverse Universe

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



57.0518, 51.4214, 67.2428



75.9655, 65.9459, 89.8529



54.5411, 50.4171, 54.0216



13.4550, 13.2111, 15.6571



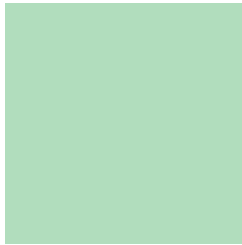
21.0953, 10.4391, 20.6795



1.4021, 0.6905, 1.5265

Previews

White Background



This preview shows how the XYZ color 53.1732, 64.7341, 57.8365 looks on a white background.

Color Contrast Check

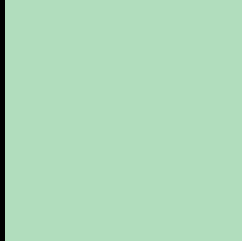
Large Text (above 18pt) WCAG AA × Fail

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 53.1732, 64.7341, 57.8365 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

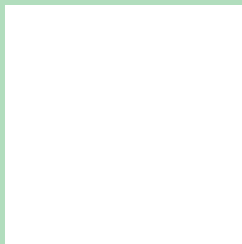
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1732, 64.7341, 57.8365

Background



This preview shows how black text looks on a background with the XYZ color 53.1732, 64.7341, 57.8365.



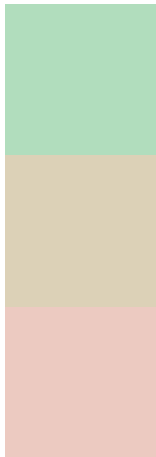
This preview shows how white text looks on a background with the XYZ color 53.1732, 64.7341,

57.8365.

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

53.1732, 64.7341, 57.8365

Protanopia

60.8629, 64.2355, 53.9906

Deuteranopia

65.3382, 63.9242, 59.3470



Tritanopia

58.8735, 64.7414, 85.7373

Trichromacy



Original Color

53.1732, 64.7341, 57.8365

Protanomaly

57.4530, 63.9287, 55.2103

Deuteranomaly

60.3392, 63.8538, 59.0140

Tritanomaly

56.4989, 64.5287, 74.4432

Monochromacy



Original Color

53.1732, 64.7341, 57.8365

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6035, 61.6860, 63.0088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1732, 64.7341, 57.8365 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(177, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(177, 221, 189)  
}
```

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(177, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.1732, 64.7341, 57.8365 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(177, 221, 189) }
```


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

```
.border{ border-color:rgb(177, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 221, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 221, 189);  
box-shadow:4px 4px 4px 4px rgb(177, 221,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1732, 64.7341, 57.8365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 221, 189) }
```

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

```
.background{ background-color: rgb(177,  
221, 189) }
```

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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