

Converting Colors

XYZ(53.1955, 56.6192, 54.6528)

Have a look what the booklet for
XYZ(53.1955, 56.6192, 54.6528)
contains.

XYZ(53.3737, 56.8095, 54.6066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.3737, 56.8095,
54.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7BA
RGB	201, 199, 186
RGB Percent	79%, 78%, 73%
CMY	0.2118, 0.2196, 0.2706
CMYK	0.00, 0.01, 0.07, 0.21
HSL	52°, 12%, 76%
HSV	52°, 7%, 79%
XYZ	53.3737, 56.8095, 54.6066
YIQ	198.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

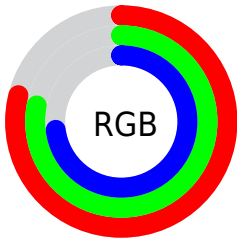
Format	Color
RYB	188, 201, 186
Decimal	13223866
CIELab	80.07, -1.60, 6.74
CIELCh	80, 6.928, 103.321
Yxy	56.8095, 0.3239, 0.3447
Android (android.graphics.Color)	4291413946 (0xFFC9C7BA)
YUV	198.1160, -5.9732, 2.5293
Hunter-Lab	75.3721, -5.4988, 9.8052

Details

The XYZ color **53.3737, 56.8095, 54.6066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7754, 50.6217, 62.4591**, and the grayscale version is **53.7812, 56.5820, 61.6178**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **26.3917, 28.1473, 26.2323** is the 20% darker color. If you saturate the color by 10%, you get **50.7760, 54.7962, 43.9295**, and if you desaturate by 10%, it is **56.2860, 58.9696, 66.8729**.

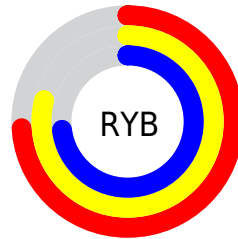
Distribution



Red (79%)

Green (78%)

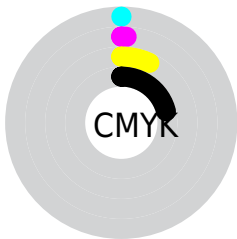
Blue (73%)



Red (74%)

Yellow (79%)

Blue (73%)

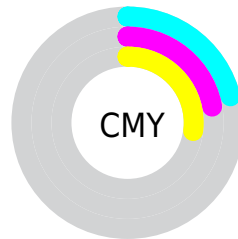


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3737, 56.8095, 54.6066 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 53.3737, 56.8095, 54.6066 by changing the saturation by 10% instead.

■ 53.3737, 56.8095,
54.6066

■ 53.3737, 56.8095,
54.6066

389.9546,
412.7351, 421.6588

■ 38.3298, 40.8523,
38.6904

■ 94.3163, 100.1872,
98.4297

■ 26.4172, 28.2037,
26.2130

120.9458,
128.3764, 127.1736

■ 17.2703, 18.4793,
16.7558

152.1679,
161.4119, 161.0305

■ 10.5239, 11.2946,
9.9004

188.3479,
199.6778, 200.4190

■ 5.8126, 6.2654,
5.2283

229.8513,
243.5588, 245.7575

■ 2.7710, 3.0071,
2.3207

277.0433,

■ 1.0339, 1.1354,

293.4390, 297.4646

0.7428

330.2893,
349.7030, 355.9589

■ 0.0000, 0.0080,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3737, 56.8095,
54.6066

■ 53.3737, 56.8095,
54.6066

■ 50.7760, 54.7962,
43.9295

■ 56.2860, 58.9696,
66.8729

■ 48.4757, 52.9172,
34.7723

■ 59.5199, 61.2740,
80.7867

■ 46.4609, 51.1696,
27.0657

■ 63.0884, 63.7296,
96.4077

■ 44.7172, 49.5474,
20.7339

■ 65.1111, 65.5846,
103.8351

■ 43.2287, 48.0443,
15.6941

■ 65.7758, 66.9139,
104.0567

■ 41.9780, 46.6532,
11.8546

■ 66.4515, 68.2654,
104.2819

■ 40.9454, 45.3660,
9.1116

■ 67.1384, 69.6392,
104.5109

■ 40.1077, 44.1736,
7.3435

■ 67.8365, 71.0354,
104.7436

■ 39.4325, 43.0627,
6.3801

■ 68.5458, 72.4541,
104.9800

Harmonies

Analogous

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



54.7773, 56.8095, 54.7150



53.3737, 56.8095, 54.6066



52.1577, 56.8095, 56.3795

Triad

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



53.3737, 56.8095, 54.6066



52.0480, 56.8095, 67.3351



56.6336, 56.8095, 64.1103

Complementary

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



53.3737, 56.8095, 54.6066



48.7754, 50.6217, 62.4591

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.



55.8765, 56.8095, 67.6759



53.3737, 56.8095, 54.6066



53.2217, 56.8095, 69.5926

Square

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



53.3737, 56.8095, 54.6066



51.4013, 56.8095, 63.6615



54.6226, 56.8095, 69.7199



56.6760, 56.8095, 60.0847

Rectangle

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



53.3737, 56.8095, 54.6066



51.6102, 56.8095, 58.4362



54.6226, 56.8095, 69.7199



56.4536, 56.8095, 65.4065

Sweetspot

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



53.3753, 56.8120, 54.6078



94.0235, 99.2436, 104.5607



50.7241, 51.1670, 54.7805



20.1357, 21.2502, 22.4257



0.0000, 0.0000, 0.0000



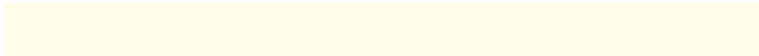
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3753, 56.8120, 54.6078



90.6061, 96.6760, 90.2661



52.3853, 56.9879, 54.6940



11.3989, 12.1669, 11.3104



24.7416, 27.0003, 3.9076



1.2058, 1.3470, 0.1965

Inverse Universe

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



48.7754, 50.6217, 62.4591



81.0830, 83.8603, 106.5209



49.7141, 50.4770, 62.3817



10.1686, 10.5113, 13.4104



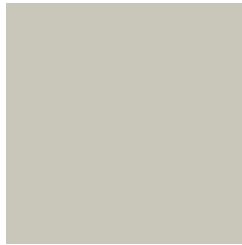
6.9103, 3.2146, 35.0006



0.3654, 0.2287, 1.6700

Previews

White Background



This preview shows how the XYZ color 53.3737, 56.8095, 54.6066 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 53.3737, 56.8095, 54.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

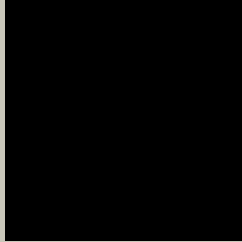
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

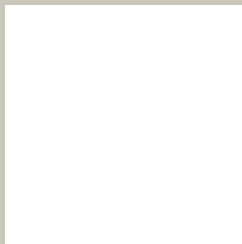
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3737, 56.8095, 54.6066

Background



This preview shows how black text looks on a background with the XYZ color 53.3737, 56.8095, 54.6066.

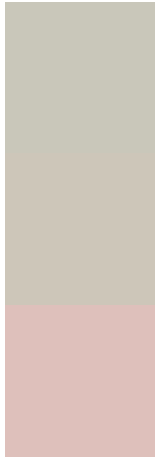


This preview shows how white text looks on a background with the XYZ color 53.3737, 56.8095,

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

53.3737, 56.8095, 54.6066

Protanopia

54.1279, 56.8701, 54.0231

Deuteranopia

57.9435, 56.8167, 54.9265



Tritanopia

56.4498, 56.7125, 69.5994

Trichromacy



Original Color

53.3737, 56.8095, 54.6066

Protanomaly

53.8529, 56.7283, 54.0102

Deuteranomaly

56.2163, 56.9142, 55.0363

Tritanomaly

55.3024, 56.5815, 63.8837

Monochromacy



Original Color

53.3737, 56.8095, 54.6066

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4849, 56.4253, 59.1112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3737, 56.8095, 54.6066 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(201, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 186)  
}
```

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(201, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.3737, 56.8095, 54.6066 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(201, 199, 186) }
```


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

```
.border{ border-color:rgb(201, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3737, 56.8095, 54.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 186) }
```

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

```
.background{ background-color: rgb(201,  
199, 186) }
```

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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