

Converting Colors

XYZ(52.9335, 53.4158, 62.5273)

Have a look what the booklet for
XYZ(52.9335, 53.4158, 62.5273)
contains.

XYZ(53.0435, 53.4615, 62.7817)	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(53.0435, 53.4615,
62.7817)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BEC9
RGB	201, 190, 201
RGB Percent	79%, 75%, 79%
CMY	0.2118, 0.2549, 0.2118
CMYK	0.00, 0.05, 0.00, 0.21
HSL	300°, 9%, 77%
HSV	300°, 5%, 79%
XYZ	53.0435, 53.4615, 62.7817
YIQ	194.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

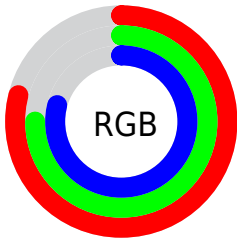
Format	Color
R _Y B	201, 190, 201
Decimal	13221577
CIE Lab	78.15, 5.85, -4.14
CIE LCh	78, 7.169, 324.704
Yxy	53.4615, 0.3133, 0.3158
Android (android.graphics.Color)	4291411657 (0xFFC9BEC9)
YUV	194.5430, 3.1833, 5.6628
Hunter-Lab	73.1174, 1.5387, 0.2732

Details

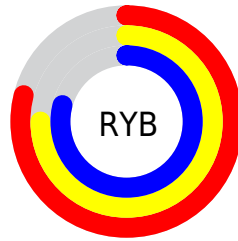
The XYZ color **53.0435, 53.4615, 62.7817** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4182, 56.4397, 56.9020**, and the grayscale version is **51.5818, 54.2680, 59.0979**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **26.2447, 26.2009, 31.2778** is the 20% darker color. If you saturate the color by 10%, you get **48.9873, 45.3485, 61.4300**, and if you desaturate by 10%, it is **57.7031, 62.7799, 64.3358**.

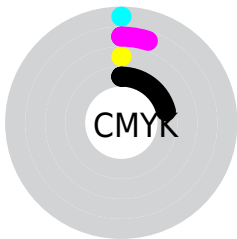
Distribution



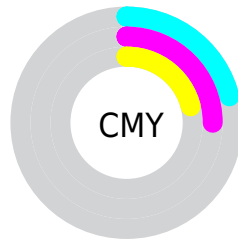
- Red (79%)
- Green (75%)
- Blue (79%)



- Red (79%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0435, 53.4615, 62.7817 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 53.0435, 53.4615, 62.7817 by changing the saturation by 10% instead.

■ 53.0435, 53.4615,
62.7817

■ 53.0435, 53.4615,
62.7817

388.7101,
400.0532, 452.8629

■ 38.0651, 38.1713,
45.2248

■ 93.8335, 95.2831,
110.4370

■ 26.2107, 26.1157,
31.2903

120.3759,
122.5833, 141.3725

■ 17.1148, 16.9102,
20.5597

151.5036,
154.6557, 177.6046

■ 10.4122, 10.1705,
12.6144

187.5820,
191.8846, 219.5518

■ 5.7375, 5.5121,
7.0360

228.9766,
234.6543, 267.6327

■ 2.7252, 2.5508,
3.4058

276.0525,

■ 1.0102, 0.9020,

283.3495, 322.2659

1.3054

329.1752,
338.3543, 383.8697

■ 0.0000, 0.0000,
0.0662

■ 0.0000, 0.0000,
0.0000

■ 53.0435, 53.4615,
62.7817

■ 53.0435, 53.4615,
62.7817

■ 48.9873, 45.3485,
61.4300

■ 57.7031, 62.7799,
64.3358

■ 45.5056, 38.3851,
60.2692

■ 62.9846, 73.3427,
66.0966

■ 42.5737, 32.5215,
59.2917

■ 68.9112, 85.1959,
68.0724

■ 40.1637, 27.7014,
58.4880

■ 70.3908, 88.1549,
68.5658

38.2448, 23.8636,
57.8481

70.3908, 88.1549,
68.5661

36.7833, 20.9408,
57.3607

70.3909, 88.1549,
68.5664

35.7412, 18.8568,
57.0131

70.3909, 88.1550,
68.5666

35.0745, 17.5234,
56.7906

70.3910, 88.1550,
68.5669

34.7289, 16.8322,
56.6751

70.3910, 88.1550,
68.5672

Harmonies

Analogous

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



51.9475, 53.4615, 65.5025



53.0435, 53.4615, 62.7817



53.5427, 53.4615, 58.9253

Triad

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



53.0435, 53.4615, 62.7817



51.0625, 53.4615, 50.8632



48.4059, 53.4615, 61.4939

Complementary

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



53.0435, 53.4615, 62.7817



51.4182, 56.4397, 56.9020

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.



48.1788, 53.4615, 57.5015



53.0435, 53.4615, 62.7817



49.6963, 53.4615, 51.4808

Square

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



53.0435, 53.4615, 62.7817



52.3856, 53.4615, 52.1395



48.6470, 53.4615, 53.8667



49.2733, 53.4615, 64.7353

Rectangle

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



53.0435, 53.4615, 62.7817



53.4633, 53.4615, 56.2745



48.6470, 53.4615, 53.8667



48.2529, 53.4615, 60.1903

Sweetspot

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



53.0450, 53.4638, 62.7829



93.4445, 96.7891, 108.3648



50.1937, 51.9939, 62.6496



20.0178, 20.7505, 23.2001



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.



53.0450, 53.4638, 62.7829



89.6176, 89.1352, 107.0889



52.4096, 53.2096, 59.4367



11.2521, 11.1545, 13.4774



21.7737, 10.4590, 35.6139



1.0310, 0.4952, 1.6863

Inverse Universe

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



53.0450, 53.4638, 62.7829



89.6176, 89.1352, 107.0889



52.0307, 56.6847, 60.1274



11.2521, 11.1545, 13.4774



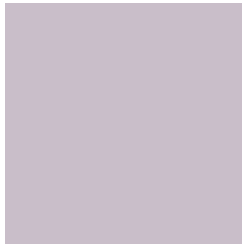
21.7737, 10.4590, 35.6139



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 53.0435, 53.4615, 62.7817 looks on a white background.

Color Contrast Check

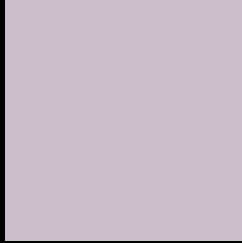
Large Text (above 18pt) WCAG AA × Fail

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 53.0435, 53.4615, 62.7817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

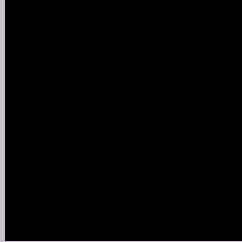
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0435, 53.4615, 62.7817

Background



This preview shows how black text looks on a background with the XYZ color 53.0435, 53.4615, 62.7817.



This preview shows how white text looks on a background with the XYZ color 53.0435, 53.4615,

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

53.0435, 53.4615, 62.7817

Protanopia

51.7584, 53.4329, 63.4627

Deuteranopia

54.4434, 53.2148, 63.2791



Tritanopia

53.4538, 53.3114, 64.5995

Trichromacy



Original Color

53.0435, 53.4615, 62.7817

Protanomaly

52.3174, 53.3962, 63.4262

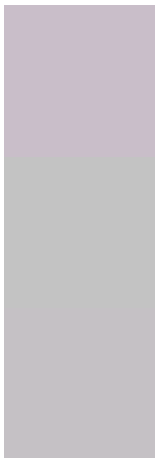
Deuteranomaly

53.8207, 53.2098, 63.3110

Tritanomaly

53.3342, 53.2635, 63.9698

Monochromacy



Original Color

53.0435, 53.4615, 62.7817

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1740, 54.0415, 60.5045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0435, 53.4615, 62.7817 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, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 201)  
}
```

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, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.0435, 53.4615, 62.7817 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, 190, 201) }
```


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

```
.border{ border-color:rgb(201, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0435, 53.4615, 62.7817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 201) }
```

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

```
.background{ background-color: rgb(201,  
190, 201) }
```

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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