

Converting Colors

XYZ(51.1990, 50.1527, 55.6972)

Have a look what the booklet for
XYZ(51.1990, 50.1527, 55.6972)
contains.

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Color

**XYZ(51.1990, 50.1527,
55.6972)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CDB6BE |
| RGB | 205, 182, 190 |
| RGB Percent | 80%, 71%, 75% |
| CMY | 0.1961, 0.2863, 0.2549 |
| CMYK | 0.00, 0.11, 0.07, 0.20 |
| HSL | 339°, 19%, 76% |
| HSV | 339°, 11%, 80% |
| XYZ | 51.1990, 50.1527, 55.6972 |
| YIQ | 189.7890, 11.1400, 7.3640 |

Conversions

Conversions Part 2

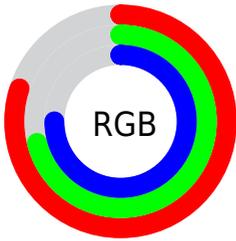
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 205, 182, 190 |
| Decimal | 13481662 |
| CIE Lab | 76.16, 9.57, -1.05 |
| CIE LCh | 76, 9.632, 353.743 |
| Yxy | 50.1527, 0.3260, 0.3193 |
| Android (android.graphics.Color) | 4291671742 (0xFFCDB6BE) |
| YUV | 189.7890, 0.1040, 13.3400 |
| Hunter-Lab | 70.8186, 5.1159, 2.9428 |

Details

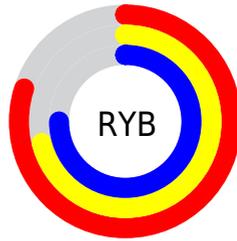
The XYZ color **51.1990, 50.1527, 55.6972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2026, 57.6401, 61.2529**, and the grayscale version is **48.8182, 51.3606, 55.9317**.

A 20% lighter version of the original color is **88.4491, 89.0629, 99.7179**, and **25.1281, 24.0860, 26.9916** is the 20% darker color. If you saturate the color by 10%, you get **45.9093, 41.8054, 47.0513**, and if you desaturate by 10%, it is **57.2403, 59.7873, 65.2564**.

Distribution



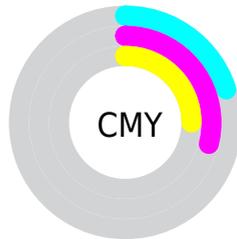
- Red (80%)
- Green (71%)
- Blue (75%)



- Red (80%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1990, 50.1527, 55.6972 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 51.1990, 50.1527, 55.6972 by changing the saturation by 10% instead.

 51.1990, 50.1527,
55.6972

 51.1990, 50.1527,
55.6972

381.7114,
387.2628, 425.9056

 36.5887, 35.5347,
39.5578

 91.1301, 90.4011,
100.0431

 25.0614, 24.0751,
26.8828

117.1816,
116.8003, 129.0867

 16.2518, 15.3893,
17.2536

147.7776,
147.8954, 163.2688

 9.7945, 9.0931,
10.2516

183.2833,
184.0708, 203.0079

 5.3241, 4.8019,
5.4583

224.0642,
225.7108, 248.7226

 2.4754, 2.1315,
2.4552

270.4856,

 0.8828, 0.6823,

273.1999, 300.8314

0.8163

322.9129,
326.9224, 359.7529

■ 0.0000, 0.0000,
0.0000

■ 51.1990, 50.1527,
55.6972

■ 51.1990, 50.1527,
55.6972

■ 45.9093, 41.8054,
47.0513

■ 57.2403, 59.7873,
65.2564

■ 41.3367, 34.6840,
39.2878

■ 64.0572, 70.7538,
75.7521

■ 37.4503, 28.7323,
32.3784

■ 71.6782, 83.1029,
87.2109

■ 34.2153, 23.8867,
26.2923

■ 77.1885, 90.9998,
98.6769

■ 31.5937, 20.0779,
20.9964

■ 78.9871, 91.7193,
108.1483

■ 29.5433, 17.2285,
16.4552

■ 28.0162, 15.2499,
12.6302

■ 26.9559, 14.0370,
9.4782

■ 26.3236, 13.4379,
7.2158

Harmonies

Analogous

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



50.5196, 50.1527, 60.6935



51.1990, 50.1527, 55.6972



50.9134, 50.1527, 50.7064

Triad

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



51.1990, 50.1527, 55.6972



46.2862, 50.1527, 46.0132



45.6473, 50.1527, 63.0128

Complementary

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



51.1990, 50.1527, 55.6972



51.2026, 57.6401, 61.2529

Split Complementary

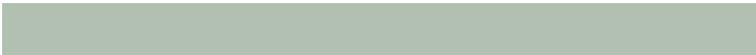
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.5647, 50.1527, 58.7043



51.1990, 50.1527, 55.6972



44.9270, 50.1527, 48.9431

Square

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



51.1990, 50.1527, 55.6972



48.0475, 50.1527, 45.3197



44.3044, 50.1527, 53.5326



47.2917, 50.1527, 65.0853

Rectangle

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



51.1990, 50.1527, 55.6972



50.2177, 50.1527, 48.0256



44.3044, 50.1527, 53.5326



45.2073, 50.1527, 61.7654

Sweetspot

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



51.2004, 50.1549, 55.6983



91.8648, 94.8986, 103.9263



50.7619, 49.7296, 64.6815



19.4849, 20.0276, 21.9651



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.



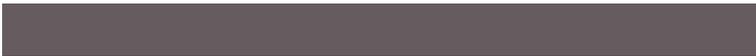
51.2004, 50.1549, 55.6983



82.0834, 79.3277, 88.3593



51.0652, 51.2451, 51.4585



11.3707, 11.2770, 12.4867



16.4280, 8.3818, 4.7067



0.8832, 0.4467, 0.4307

Inverse Universe

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



51.2004, 50.1549, 55.6983



82.0834, 79.3277, 88.3593



51.3275, 56.3844, 65.9362



11.3707, 11.2770, 12.4867



16.4280, 8.3818, 4.7067



0.8832, 0.4467, 0.4307

Previews

White Background



This preview shows how the XYZ color 51.1990, 50.1527, 55.6972 looks on a white background.

Color Contrast Check

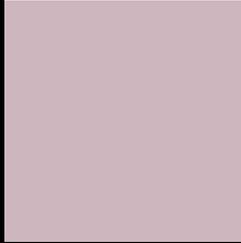
Large Text (above 18pt) WCAG AA × Fail

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 51.1990, 50.1527, 55.6972 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 51.1990, 50.1527, 55.6972

Background



This preview shows how black text looks on a background with the XYZ color 51.1990, 50.1527, 55.6972.



This preview shows how white text looks on a background with the XYZ color 51.1990, 50.1527,

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

51.1990, 50.1527, 55.6972

Protanopia

48.6312, 50.3381, 57.6052

Deuteranopia

51.1990, 50.1527, 55.6972



Tritanopia

51.8278, 50.1097, 58.5703

Trichromacy



Original Color

51.1990, 50.1527, 55.6972

Protanomaly

49.3691, 50.1058, 56.9385

Deuteranomaly

51.1990, 50.1527, 55.6972

Tritanomaly

51.6031, 50.0198, 57.3871

Monochromacy



Original Color

51.1990, 50.1527, 55.6972

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5703, 50.8605, 55.9196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1990, 50.1527, 55.6972 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(205, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 190)  
}
```

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(205, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.1990, 50.1527, 55.6972 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(205, 182, 190) }
```

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

```
.border{ border-color:rgb(205, 182, 190) }
```

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

Here you see how a box with a 4 pixel rgb(205, 182, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1990, 50.1527, 55.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 190) }
```

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

```
.background{ background-color: rgb(205,  
182, 190) }
```

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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