

Converting Colors

XYZ(53.1550, 55.8273, 49.5691)

Have a look what the booklet for
XYZ(53.1550, 55.8273, 49.5691)
contains.

XYZ(53.1293, 55.7760, 49.5606)	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(53.1293, 55.7760,
49.5606)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC4B1
RGB	206, 196, 177
RGB Percent	81%, 77%, 69%
CMY	0.1922, 0.2314, 0.3059
CMYK	0.00, 0.05, 0.14, 0.19
HSL	39°, 23%, 75%
HSV	39°, 14%, 81%
XYZ	53.1293, 55.7760, 49.5606
YIQ	196.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

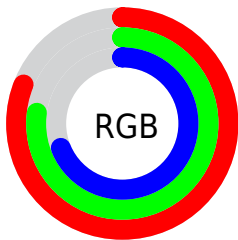
Format	Color
RYB	192, 206, 177
Decimal	13550769
CIELab	79.49, 0.30, 10.78
CIELCh	79, 10.789, 88.408
Yxy	55.7760, 0.3353, 0.3520
Android (android.graphics.Color)	4291740849 (0xFFCEC4B1)
YUV	196.8240, -9.7732, 8.0474
Hunter-Lab	74.6833, -3.7119, 12.9329

Details

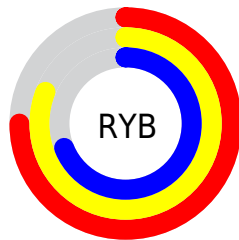
The XYZ color **53.1293, 55.7760, 49.5606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0421, 49.3429, 65.4376**, and the grayscale version is **53.0180, 55.7791, 60.7434**.

A 20% lighter version of the original color is **91.0733, 97.3938, 91.0896**, and **26.2600, 27.4766, 22.9883** is the 20% darker color. If you saturate the color by 10%, you get **49.6657, 51.8900, 39.0291**, and if you desaturate by 10%, it is **56.9818, 59.9425, 61.7522**.

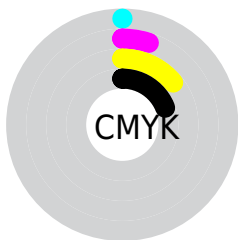
Distribution



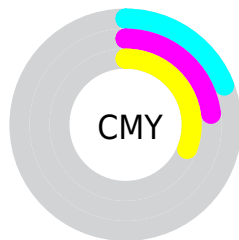
- Red (81%)
- Green (77%)
- Blue (69%)



- Red (75%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1293, 55.7760, 49.5606 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 53.1293, 55.7760, 49.5606 by changing the saturation by 10% instead.


 53.1293, 55.7760,
49.5606

 53.1293, 55.7760,
49.5606


389.0337,
408.8468, 401.6309

 38.1339, 40.0234,
34.6957

 93.9590, 98.6770,
90.9131

 26.2643, 27.5568,
23.1469


120.5240,
126.5941, 118.2377

 17.1552, 17.9918,
14.4957


151.6763,
159.3349, 150.5527

 10.4412, 10.9441,
8.3235

187.7812,
197.2837, 188.2764

 5.7569, 6.0293,
4.2119

229.2040,
240.8248, 231.8276

 2.7371, 2.8629,
1.7423

276.3101,

 1.0163, 1.0606,

290.3428, 281.6247

0.3895

329.4649,
346.2220, 338.0863

■ 0.0000, 0.0000,
0.0000

■ 53.1293, 55.7760,
49.5606

■ 53.1293, 55.7760,
49.5606

■ 49.6657, 51.8900,
39.0291

■ 56.9818, 59.9425,
61.7522

■ 46.5715, 48.2696,
30.0810

■ 61.2325, 64.3894,
75.6692

■ 43.8323, 44.9092,
22.6386

■ 65.8964, 69.1260,
91.3774

■ 41.4308, 41.8000,
16.6163

■ 70.2689, 73.8722,
105.1629

■ 39.3480, 38.9327,
11.9197

■ 72.2219, 77.7781,
105.8139

■ 37.5629, 36.2972,
8.4430

■ 74.2555, 81.8454,
106.4918

■ 36.0510, 33.8817,
6.0640

■ 76.3708, 86.0760,
107.1969

■ 34.7832, 31.6727,
4.6345

■ 78.5686, 90.4716,
107.9295

■ 34.1172, 30.4488,
4.0790

■ 79.2638, 91.8619,
108.1612

Harmonies

Analogous

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



55.2275, 55.7760, 51.1178



53.1293, 55.7760, 49.5606



51.0547, 55.7760, 50.8227

Triad

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



53.1293, 55.7760, 49.5606



49.4305, 55.7760, 66.5897



56.6443, 55.7760, 67.2023

Complementary

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



53.1293, 55.7760, 49.5606



47.0421, 49.3429, 65.4376

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.



55.0216, 55.7760, 71.8491



53.1293, 55.7760, 49.5606



50.8594, 55.7760, 71.4788

Square

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



53.1293, 55.7760, 49.5606



48.9544, 55.7760, 60.3995



52.8977, 55.7760, 73.4642



57.2908, 55.7760, 61.0628

Rectangle

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



53.1293, 55.7760, 49.5606



49.9563, 55.7760, 53.1448



52.8977, 55.7760, 73.4642



56.1928, 55.7760, 69.0059

Sweetspot

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



53.1308, 55.7785, 49.5618



92.3396, 97.1377, 100.1088



50.1620, 48.1611, 53.7508



19.6579, 20.6780, 21.0846



0.0000, 0.0000, 0.0000



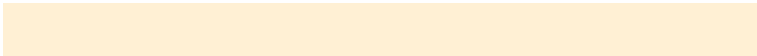
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1308, 55.7785, 49.5618



84.2568, 88.3502, 74.6686



54.2701, 59.8251, 50.2828



11.8157, 12.4203, 11.8540



21.1016, 18.9362, 2.5429



1.1576, 1.1149, 0.1542

Inverse Universe

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



47.0421, 49.3429, 65.4376



72.4582, 75.8802, 105.4351



46.0016, 45.7674, 64.8023



10.9127, 11.4658, 14.2083



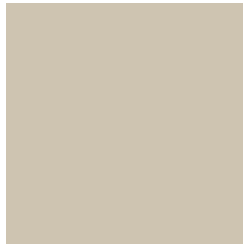
8.3296, 5.6832, 36.6142



0.5002, 0.4341, 1.9124

Previews

White Background



This preview shows how the XYZ color 53.1293, 55.7760, 49.5606 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 53.1293, 55.7760, 49.5606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

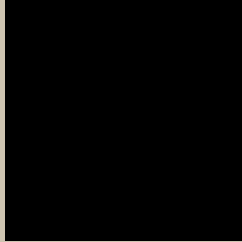
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1293, 55.7760, 49.5606

Background



This preview shows how black text looks on a background with the XYZ color 53.1293, 55.7760, 49.5606.

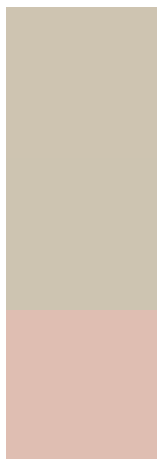


This preview shows how white text looks on a background with the XYZ color 53.1293, 55.7760,

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

53.1293, 55.7760, 49.5606

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

56.8808, 55.7292, 49.8784



Tritanopia

56.6905, 55.9059, 66.8345

Trichromacy



Original Color

53.1293, 55.7760, 49.5606

Protanomaly

52.8526, 55.6333, 49.5476

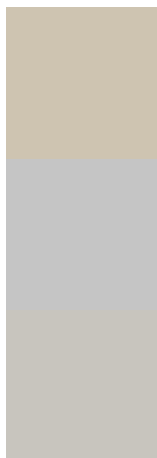
Deuteranomaly

55.5008, 55.6653, 49.9388

Tritanomaly

55.3283, 55.6808, 60.0559

Monochromacy



Original Color

53.1293, 55.7760, 49.5606

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0799, 55.9296, 56.7131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1293, 55.7760, 49.5606 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(206, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 177)  
}
```

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(206, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 177) }
```

Border

The CSS property to change the border of an element to XYZ 53.1293, 55.7760, 49.5606 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(206, 196, 177) }
```


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

```
.border{ border-color:rgb(206, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1293, 55.7760, 49.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 177) }
```

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

```
.background{ background-color: rgb(206,  
196, 177) }
```

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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