

Converting Colors

XYZ(53.2217, 55.5628, 61.3457)

Have a look what the booklet for
XYZ(53.2217, 55.5628, 61.3457)
contains.

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Color

**XYZ(53.2217, 55.5628,
61.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C4C6
RGB	198, 196, 198
RGB Percent	78%, 77%, 78%
CMY	0.2235, 0.2314, 0.2235
CMYK	0.00, 0.01, 0.00, 0.22
HSL	300°, 2%, 77%
HSV	300°, 1%, 78%
XYZ	53.2217, 55.5628, 61.3457
YIQ	196.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

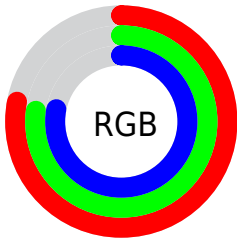
Format	Color
RYB	198, 196, 198
Decimal	13026502
CIELab	79.36, 1.06, -0.76
CIELCh	79, 1.309, 324.305
Yxy	55.5628, 0.3128, 0.3266
Android (android.graphics.Color)	4291216582 (0xFFC6C4C6)
YUV	196.8260, 0.5788, 1.0296
Hunter-Lab	74.5405, -2.9973, 3.3835

Details

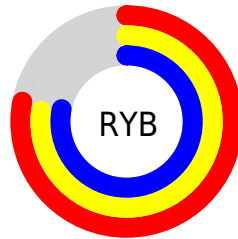
The XYZ color **53.2217, 55.5628, 61.3457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9249, 56.1110, 60.2684**, and the grayscale version is **52.9637, 55.7219, 60.6812**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.2086, 27.2889, 30.2715** is the 20% darker color. If you saturate the color by 10%, you get **49.0476, 47.2141, 59.9542**, and if you desaturate by 10%, it is **57.9884, 65.0951, 62.9361**.

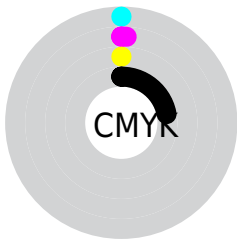
Distribution



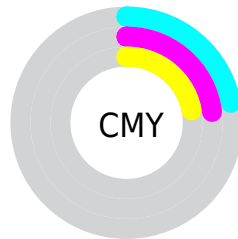
- Red (78%)
- Green (77%)
- Blue (78%)



- Red (78%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2217, 55.5628, 61.3457 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 53.2217, 55.5628, 61.3457 by changing the saturation by 10% instead.

■ 53.2217, 55.5628,
61.3457

■ 53.2217, 55.5628,
61.3457

389.3821,
408.0418, 447.4820

■ 38.2080, 39.8525,
44.0719

94.0941, 98.3651,
108.3417

■ 26.3221, 27.4236,
30.3894

120.6835,
126.2258, 138.9010

■ 17.1987, 17.8916,
19.8798

151.8622,
158.9055, 174.7258

■ 10.4724, 10.8722,
12.1245

187.9955,
196.7885, 216.2347

■ 5.7780, 5.9809,
6.7049

229.4488,
240.2592, 263.8462

■ 2.7499, 2.8335,
3.2026

276.5874,

■ 1.0229, 1.0454,

289.7021, 317.9789

1.1990

329.7767,
345.5015, 379.0513

■ 0.0000, 0.0000,
0.0000

■ 53.2217, 55.5628,
61.3457

■ 53.2217, 55.5628,
61.3457

■ 49.0476, 47.2141,
59.9542

■ 57.9884, 65.0951,
62.9361

■ 45.4384, 39.9960,
58.7502

■ 63.3645, 75.8470,
64.7290

■ 42.3713, 33.8620,
57.7270

■ 69.2428, 87.6035,
66.6893

■ 39.8201, 28.7599,
56.8758

■ 69.2430, 87.6035,
66.6902

■ 37.7565, 24.6330,
56.1871

■ 69.2432, 87.6036,
66.6911

■ 36.1494, 21.4191,
55.6505

■ 69.2433, 87.6037,
66.6920

■ 34.9643, 19.0491,
55.2546

■ 69.2435, 87.6037,
66.6930

■ 34.1614, 17.4437,
54.9861

■ 69.2437, 87.6038,
66.6939

■ 33.6939, 16.5089,
54.8295

■ 69.2439, 87.6039,
66.6948

Harmonies

Analogous

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



53.0188, 55.5628, 61.8253



53.2217, 55.5628, 61.3457



53.3146, 55.5628, 60.6420

Triad

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



53.2217, 55.5628, 61.3457



52.8609, 55.5628, 59.0716



52.3522, 55.5628, 61.0953

Complementary

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



53.2217, 55.5628, 61.3457



52.9249, 56.1110, 60.2684

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.



52.3102, 55.5628, 60.3551



53.2217, 55.5628, 61.3457



52.6033, 55.5628, 59.1907

Square

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



53.2217, 55.5628, 61.3457



53.1058, 55.5628, 59.3322



52.4020, 55.5628, 59.6590



52.5169, 55.5628, 61.6799

Rectangle

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



53.2217, 55.5628, 61.3457



53.3013, 55.5628, 60.1420



52.4020, 55.5628, 59.6590



52.3233, 55.5628, 60.8563

Sweetspot

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



53.2233, 55.5652, 61.3469

95.0500, 100.0000, 108.9000



52.7003, 55.2956, 61.3225



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



53.2233, 55.5652, 61.3469



94.2419, 98.3838, 108.6305



53.1085, 55.5193, 60.7423



11.8790, 12.4084, 13.6864



21.7729, 10.4587, 35.6097



1.0310, 0.4952, 1.6862

Inverse Universe

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



53.2233, 55.5652, 61.3469



94.2419, 98.3838, 108.6305



53.0390, 56.1566, 60.8690



11.8790, 12.4084, 13.6864



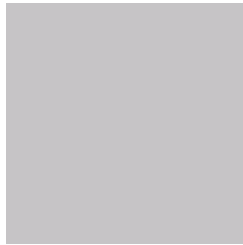
21.7729, 10.4587, 35.6097



1.0310, 0.4952, 1.6862

Previews

White Background



This preview shows how the XYZ color 53.2217, 55.5628, 61.3457 looks on a white background.

Color Contrast Check

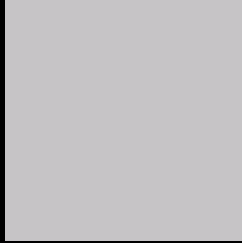
Large Text (above 18pt) WCAG AA × Fail

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 53.2217, 55.5628, 61.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

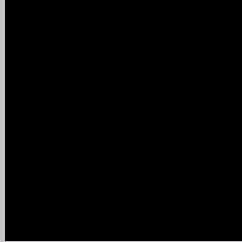
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

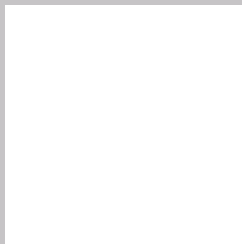
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2217, 55.5628, 61.3457

Background



This preview shows how black text looks on a background with the XYZ color 53.2217, 55.5628, 61.3457.

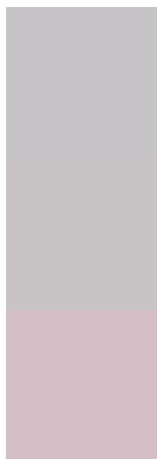


This preview shows how white text looks on a background with the XYZ color 53.2217, 55.5628,

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

53.2217, 55.5628, 61.3457

Protanopia

53.7524, 55.8364, 61.3705

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

54.7441, 55.5161, 68.8031

Trichromacy



Original Color

53.2217, 55.5628, 61.3457

Protanomaly

53.4862, 55.6992, 61.3581

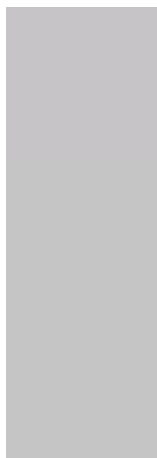
Deuteranomaly

55.1709, 55.2327, 61.7860

Tritanomaly

54.2089, 55.6286, 66.2728

Monochromacy



Original Color

53.2217, 55.5628, 61.3457

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0703, 55.8340, 60.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2217, 55.5628, 61.3457 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(198, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 198)  
}
```

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(198, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.2217, 55.5628, 61.3457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

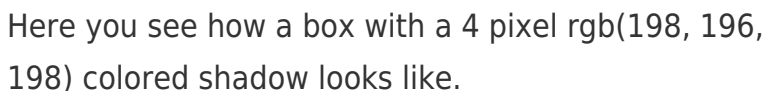
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 196, 198) }
```

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

```
.border{ border-color:rgb(198, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 196, 198); box-shadow:4px 4px 4px 4px rgb(198, 196, 198) }
```


Background

The CSS property to change the background color of an element to XYZ 53.2217, 55.5628, 61.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 198) }
```

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

```
.background{ background-color: rgb(198,  
196, 198) }
```

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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