

Converting Colors

XYZ(52.8025, 56.0753, 61.2473)

Have a look what the booklet for
XYZ(52.8025, 56.0753, 61.2473)
contains.

XYZ(52.8928, 56.0675, 61.4604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(52.8928, 56.0675,
61.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C6C6
RGB	195, 198, 198
RGB Percent	76%, 78%, 78%
CMY	0.2353, 0.2235, 0.2235
CMYK	0.02, 0.00, 0.00, 0.22
HSL	180°, 3%, 77%
HSV	180°, 2%, 78%
XYZ	52.8928, 56.0675, 61.4604
YIQ	197.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

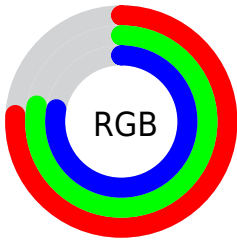
Format	Color
RYB	195, 197, 198
Decimal	12830406
CIELab	79.65, -1.03, -0.37
CIELCh	80, 1.093, 199.820
Yxy	56.0675, 0.3104, 0.3290
Android (android.graphics.Color)	4291020486 (0xFFC3C6C6)
YUV	197.1030, 0.4422, -1.8443
Hunter-Lab	74.8782, -4.9473, 3.7493

Details

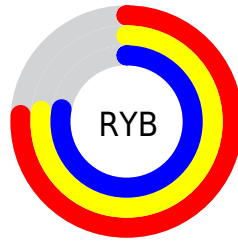
The XYZ color **52.8928, 56.0675, 61.4604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6562, 54.9776, 59.4690**, and the grayscale version is **53.1327, 55.8997, 60.8748**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **25.9918, 27.6229, 30.3474** is the 20% darker color. If you saturate the color by 10%, you get **48.1101, 53.6038, 61.2241**, and if you desaturate by 10%, it is **58.3571, 58.8857, 61.7309**.

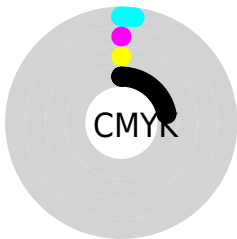
Distribution



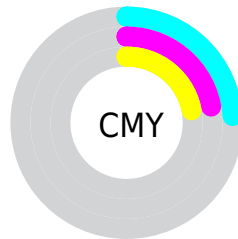
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8928, 56.0675, 61.4604 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 52.8928, 56.0675, 61.4604 by changing the saturation by 10% instead.

■ 52.8928, 56.0675,
61.4604

■ 52.8928, 56.0675,
61.4604

388.1413,
409.9458, 447.9133

■ 37.9443, 40.2570,
44.1639

■ 93.6131, 99.1033,
108.5093

■ 26.1165, 27.7390,
30.4612

120.1156,
127.0974, 139.0987

■ 17.0440, 18.1290,
19.9339

151.2001,
159.9215, 174.9562

■ 10.3613, 11.0427,
12.1634

187.2321,
197.9600, 216.5003

■ 5.7033, 6.0955,
6.7312

228.5769,
241.5973, 264.1495

■ 2.7044, 2.9033,
3.2187

275.5997,

■ 0.9995, 1.0814,

291.2177, 318.3224

1.2073

328.6661,
347.2058, 379.4374

■ 0.0000, 0.0000,
0.0000

■ 52.8928, 56.0675,
61.4604

■ 52.8928, 56.0675,
61.4604

■ 48.1101, 53.6038,
61.2241

■ 58.3571, 58.8857,
61.7309

■ 43.9777, 51.4738,
61.0172

■ 64.5234, 62.0642,
62.0330

■ 40.4690, 49.6653,
60.8394

■ 71.4168, 65.6176,
62.3692

■ 37.5538, 48.1627,
60.6894

■ 71.6388, 65.7318,
62.3932

■ 35.1991, 46.9492,
60.5656

■ 71.6414, 65.7328,
62.4069

33.3690, 46.0060,
60.4664

71.6440, 65.7339,
62.4206

32.0234, 45.3126,
60.3898

71.6466, 65.7349,
62.4344

31.1161, 44.8452,
60.3338

71.6492, 65.7360,
62.4481

30.5925, 44.5756,
60.2957

71.6518, 65.7370,
62.4618

Harmonies

Analogous

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



52.8745, 56.0675, 60.8337



52.8928, 56.0675, 61.4604



53.0175, 56.0675, 61.9799

Triad

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



52.8928, 56.0675, 61.4604



53.6149, 56.0675, 61.8344



53.3654, 56.0675, 59.8612

Complementary

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



52.8928, 56.0675, 61.4604



52.6562, 54.9776, 59.4690

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.



53.5644, 56.0675, 60.1254



52.8928, 56.0675, 61.4604



53.7087, 56.0675, 61.2627

Square

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



52.8928, 56.0675, 61.4604



53.4343, 56.0675, 62.1969



53.6901, 56.0675, 60.6374



53.1469, 56.0675, 59.9133

Rectangle

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



52.8928, 56.0675, 61.4604



53.1444, 56.0675, 62.1942



53.6901, 56.0675, 60.6374



53.4368, 56.0675, 59.9159

Sweetspot

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



52.8944, 56.0699, 61.4616

95.0500, 100.0000, 108.9000



52.5646, 55.9395, 59.6575



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.



52.8944, 56.0699, 61.4616



93.1976, 99.0451, 108.8084



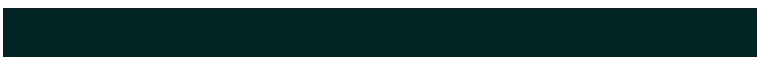
52.5645, 55.4096, 61.3536



11.7572, 12.4854, 13.7072



19.7449, 28.9103, 39.1965



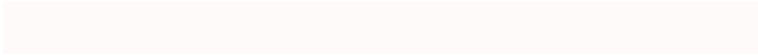
0.9351, 1.3690, 1.8569

Inverse Universe

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



52.6562, 54.9776, 59.4690



92.6351, 96.4653, 104.1023



52.9827, 55.6311, 59.5760



11.6917, 12.1846, 13.1585



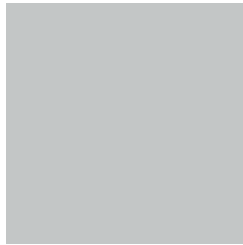
15.1463, 7.8081, 0.7142



0.7173, 0.3698, 0.0347

Previews

White Background



This preview shows how the XYZ color 52.8928, 56.0675, 61.4604 looks on a white background.

Color Contrast Check

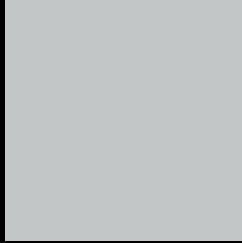
Large Text (above 18pt) WCAG AA × Fail

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 52.8928, 56.0675, 61.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

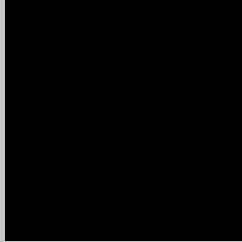
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

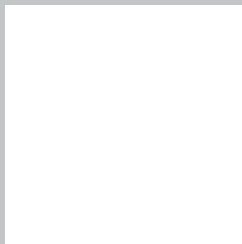
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8928, 56.0675, 61.4604

Background



This preview shows how black text looks on a background with the XYZ color 52.8928, 56.0675, 61.4604.



This preview shows how white text looks on a background with the XYZ color 52.8928, 56.0675,

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

52.8928, 56.0675, 61.4604

Protanopia

53.9054, 55.9286, 60.7775

Deuteranopia

56.9639, 55.8322, 61.8072



Tritanopia

54.5238, 56.0533, 69.5737

Trichromacy



Original Color

52.8928, 56.0675, 61.4604

Protanomaly

53.5975, 56.1058, 60.8279

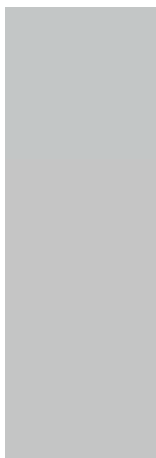
Deuteranomaly

55.6130, 56.1170, 61.9334

Tritanomaly

53.8718, 56.1245, 66.3863

Monochromacy



Original Color

52.8928, 56.0675, 61.4604

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8092, 55.6995, 60.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8928, 56.0675, 61.4604 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(195, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 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(195, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.8928, 56.0675, 61.4604 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(195, 198, 198) }
```

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

```
.border{ border-color:rgb(195, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 52.8928, 56.0675, 61.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 198) }
```

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

```
.background{ background-color: rgb(195,  
198, 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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