

Converting Colors

XYZ(10.2988, 10.2081, 17.4481)

Have a look what the booklet for
XYZ(10.2988, 10.2081, 17.4481)
contains.

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Color

**XYZ(10.3560, 10.2910,
17.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	555972
RGB	85, 89, 114
RGB Percent	33%, 35%, 45%
CMY	0.6667, 0.6510, 0.5529
CMYK	0.25, 0.22, 0.00, 0.55
HSL	232°, 15%, 39%
HSV	232°, 25%, 45%
XYZ	10.3560, 10.2910, 17.3601
YIQ	90.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

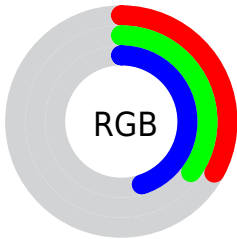
Format	Color
R_{YB}	85, 89, 114
Decimal	5593458
CIE _{Lab}	38.36, 4.50, -14.73
CIE _{LCh}	38, 15.399, 287.000
Yxy	10.2910, 0.2725, 0.2708
Android (android.graphics.Color)	4283783538 (0xFF555972)
YUV	90.6540, 11.5096, -4.9586
Hunter-Lab	32.0796, 1.4845, -9.6295

Details

The XYZ color **10.3560, 10.2910, 17.3601** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1552, 15.3852, 10.8183**, and the grayscale version is **9.8423, 10.3548, 11.2764**.

A 20% lighter version of the original color is **26.1072, 26.3693, 39.7902**, and **2.7208, 2.6260, 5.5177** is the 20% darker color. If you saturate the color by 10%, you get **8.6394, 8.2722, 17.0611**, and if you desaturate by 10%, it is **12.3493, 12.6150, 17.7038**.

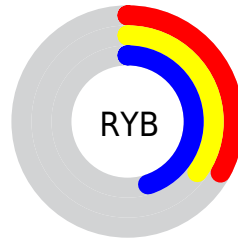
Distribution



Red (33%)

Green (35%)

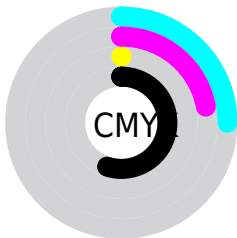
Blue (45%)



Red (33%)

Yellow (35%)

Blue (45%)

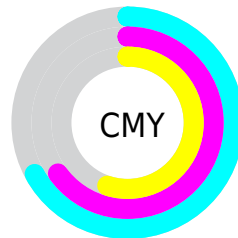


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (55%)



Cyan (67%)

Magenta (65%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3560, 10.2910, 17.3601 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 10.3560, 10.2910, 17.3601 by changing the saturation by 10% instead.

■ 10.3560, 10.2910,
17.3601

■ 10.3560, 10.2910,
17.3601

187.1954,
192.7366, 249.3529

■ 5.6997, 5.5923,
10.3269

■ 26.1066, 26.3414,
39.7430

■ 2.7023, 2.5988,
5.5078

■ 37.9317, 38.4620,
55.9297

■ 0.9983, 0.9261,
2.4843

■ 52.8770, 53.8252,
76.0048

■ 0.0000, 0.0000,
0.8318

■ 71.3079, 72.8156,
100.3866

■ 0.0000, 0.0000,
0.0000

■ 93.5899, 95.8176,
129.4938

120.0882,

123.2155, 163.7449

151.1683,
155.3936, 203.5584

■ 10.3560, 10.2910,
17.3601

■ 10.3560, 10.2910,
17.3601

■ 8.6394, 8.2722,
17.0611

■ 12.3493, 12.6150,
17.7038

■ 7.1861, 6.5447,
16.8042

■ 14.6297, 15.2549,
18.0932

■ 5.9834, 5.0952,
16.5878

■ 17.2084, 18.2224,
18.5300

■ 5.0168, 3.9091,
16.4099

■ 20.0958, 21.5283,
19.0160

■ 4.2705, 2.9703,
16.2680

■ 23.3015, 25.1829,
19.5524

■ 3.7266, 2.2609,
16.1597

■ 26.8349, 29.1958,
20.1407

■ 3.3563, 1.7562,
16.0818

■ 30.7050, 33.5766,
20.7823

■ 3.2185, 1.5774,
16.0546

■ 34.9204, 38.3344,
21.4785

■ 39.4895, 43.4778,
22.2305

Harmonies

Analogous

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



9.3538, 10.2910, 17.4940



10.3560, 10.2910, 17.3601



11.2605, 10.2910, 15.4097

Triad

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



10.3560, 10.2910, 17.3601



11.1563, 10.2910, 7.6319



8.0200, 10.2910, 10.0081

Complementary

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



10.3560, 10.2910, 17.3601



14.1552, 15.3852, 10.8183

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.



8.4376, 10.2910, 7.8448



10.3560, 10.2910, 17.3601



10.2216, 10.2910, 6.6393

Square

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



10.3560, 10.2910, 17.3601



11.7438, 10.2910, 9.6668



9.2282, 10.2910, 6.7099



8.0506, 10.2910, 12.8987

Rectangle

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



10.3560, 10.2910, 17.3601



11.6660, 10.2910, 13.5047



9.2282, 10.2910, 6.7099



8.1114, 10.2910, 9.1827

Sweetspot

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



10.3563, 10.2914, 17.3603



24.5473, 25.4659, 31.5971



12.5593, 15.0843, 16.9019



5.5602, 5.7544, 7.2874



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.3563, 10.2914, 17.3603



16.2249, 15.7673, 30.1637



11.0210, 10.1532, 17.2986



3.2513, 3.3679, 4.2329



3.5743, 1.7390, 17.8689



17.4181, 7.8880, 88.8836

Inverse Universe

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



11.9914, 10.7960, 10.9035



19.6779, 16.8901, 16.5154



13.3488, 15.6248, 10.9070



3.4015, 3.4083, 3.6411



7.8225, 4.0214, 0.8753



38.7718, 19.9540, 3.3306

Previews

White Background



This preview shows how the XYZ color 10.3560, 10.2910, 17.3601 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 10.3560, 10.2910, 17.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.3560, 10.2910, 17.3601

Background



This preview shows how black text looks on a background with the XYZ color 10.3560, 10.2910, 17.3601.



This preview shows how white text looks on a background with the XYZ color 10.3560, 10.2910,

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

10.3560, 10.2910, 17.3601

Protanopia

10.2658, 10.2445, 17.3559

Deuteranopia

10.5401, 10.3859, 17.3687



Tritanopia

9.5590, 10.3490, 13.2981

Trichromacy



Original Color

10.3560, 10.2910, 17.3601

Protanomaly

10.2658, 10.2445, 17.3559

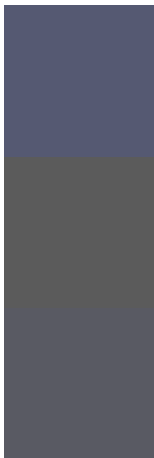
Deuteranomaly

10.4474, 10.3381, 17.3644

Tritanomaly

9.8071, 10.3206, 14.5719

Monochromacy



Original Color

10.3560, 10.2910, 17.3601

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0281, 10.3370, 13.2711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3560, 10.2910, 17.3601 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(85, 89, 114) looks like.

```
.text, #text, p{  
    color:rgb(85, 89, 114)  
}
```

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(85, 89, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 89, 114) }
```

Border

The CSS property to change the border of an element to XYZ 10.3560, 10.2910, 17.3601 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(85, 89, 114) }
```


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

```
.border{ border-color:rgb(85, 89, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 89, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 89, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 89, 114);  
box-shadow:4px 4px 4px 4px rgb(85, 89,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3560, 10.2910, 17.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 89, 114) }
```

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

```
.background{ background-color: rgb(85, 89,  
114) }
```

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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