

Converting Colors

XYZ(28.5577, 28.6900, 50.2113)

Have a look what the booklet for
XYZ(28.5577, 28.6900, 50.2113)
contains.

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Color

**XYZ(28.6612, 28.7825,
50.4993)**

Conversions

Conversions Part 1

Format	Color
Hex	8591BA
RGB	133, 145, 186
RGB Percent	52%, 57%, 73%
CMY	0.4784, 0.4314, 0.2706
CMYK	0.28, 0.22, 0.00, 0.27
HSL	226°, 28%, 63%
HSV	226°, 28%, 73%
XYZ	28.6612, 28.7825, 50.4993
YIQ	146.0860, -20.3130, 10.2070

Conversions

Conversions Part 2

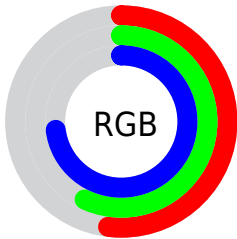
Format	Color
R_{YB}	133, 143, 186
Decimal	8753594
CIE _{Lab}	60.59, 5.17, -22.76
CIE _{LCh}	61, 23.341, 282.785
Yxy	28.7825, 0.2655, 0.2666
Android (android.graphics.Color)	4286943674 (0xFF8591BA)
YUV	146.0860, 19.6776, -11.4764
Hunter-Lab	53.6493, 1.4741, -18.2543

Details

The XYZ color **28.6612, 28.7825, 50.4993** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.6199, 42.4051, 28.2881**, and the grayscale version is **27.2854, 28.7064, 31.2613**.

A 20% lighter version of the original color is **56.9440, 57.8224, 92.1640**, and **11.8055, 11.6717, 23.8209** is the 20% darker color. If you saturate the color by 10%, you get **23.9195, 23.2789, 49.6874**, and if you desaturate by 10%, it is **34.2032, 35.1134, 51.4297**.

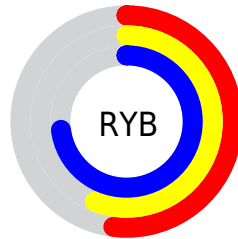
Distribution



Red (52%)

Green (57%)

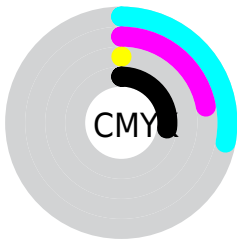
Blue (73%)



Red (52%)

Yellow (56%)

Blue (73%)

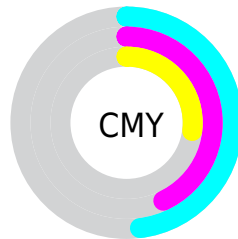


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6612, 28.7825, 50.4993 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 28.6612, 28.7825, 50.4993 by changing the saturation by 10% instead.

■ 28.6612, 28.7825,
50.4993

■ 28.6612, 28.7825,
50.4993

287.6362,
296.1873, 405.4062

■ 18.9677, 18.9163,
35.4363

■ 56.9397, 57.7313,
92.3181

■ 11.7508, 11.6098,
23.7129

■ 76.2553, 77.5828,
119.9111

■ 6.6452, 6.4786,
14.9106

■ 99.5090, 101.5315,
152.5178

■ 3.2856, 3.1382,
8.6107

127.0661,
129.9619, 190.5567

■ 1.3065, 1.2043,
4.3948

159.2921,
163.2582, 234.4465

■ 0.1881, 0.0652,
1.8444

196.5522,

■ 0.0000, 0.0000,

201.8050, 284.6056

0.4570

239.2117,
245.9866, 341.4527

■ 0.0000, 0.0000,
0.0000

■ 28.6612, 28.7825,
50.4993

■ 28.6612, 28.7825,
50.4993

■ 23.9195, 23.2789,
49.6874

■ 34.2032, 35.1134,
51.4297

■ 19.9376, 18.5642,
48.9872

■ 40.5780, 42.3010,
52.4810

■ 16.6753, 14.6022,
48.3944

■ 47.8196, 50.3773,
53.6582

■ 14.0878, 11.3522,
47.9035

■ 55.9593, 59.3716,
54.9653

■ 12.1247, 8.7694,
47.5084

■ 65.0268, 69.3121,
56.4061

■ 10.7280, 6.8034,
47.2026

■ 75.0504, 80.2253,
57.9843

■ 9.8094, 5.3858,
46.9774

■ 82.9744, 90.5481,
59.5591

■ 9.6951, 5.2093,
46.9493

■ 85.8630, 96.3252,
60.5220

Harmonies

Analogous

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



25.6753, 28.7825, 50.0438



28.6612, 28.7825, 50.4993



31.4906, 28.7825, 45.1858

Triad

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



28.6612, 28.7825, 50.4993



31.8402, 28.7825, 21.3524



22.1802, 28.7825, 26.6739

Complementary

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



28.6612, 28.7825, 50.4993



39.6199, 42.4051, 28.2881

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.



23.6017, 28.7825, 20.6568



28.6612, 28.7825, 50.4993



29.1104, 28.7825, 17.9948

Square

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



28.6612, 28.7825, 50.4993



33.4147, 28.7825, 27.8037



26.0928, 28.7825, 17.7662



22.0794, 28.7825, 35.1625

Rectangle

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



28.6612, 28.7825, 50.4993



32.8484, 28.7825, 39.5700



26.0928, 28.7825, 17.7662



22.5143, 28.7825, 24.3372

Sweetspot

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



28.6621, 28.7836, 50.5000



72.7446, 75.7698, 94.9924



34.8368, 43.1467, 46.3499



15.6290, 16.2472, 20.8549



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.6621, 28.7836, 50.5000



46.5658, 45.9415, 90.6147



29.3078, 26.5366, 50.0322



8.6817, 9.0406, 11.3669



6.5703, 3.6002, 31.6017



0.2791, 0.2220, 1.1299

Inverse Universe

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



33.7488, 29.2594, 30.6581



57.3444, 47.2591, 48.5010



38.7772, 45.5674, 28.9429



9.0857, 9.0446, 9.7986



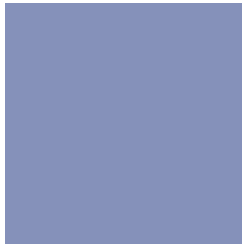
13.9300, 7.1458, 2.2524



0.5151, 0.2615, 0.2057

Previews

White Background



This preview shows how the XYZ color 28.6612, 28.7825, 50.4993 looks on a white background.

Color Contrast Check

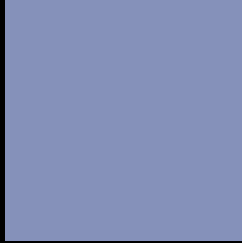
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.6612, 28.7825, 50.4993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

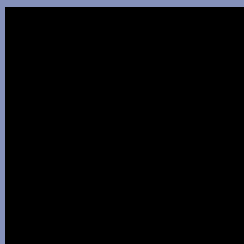
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

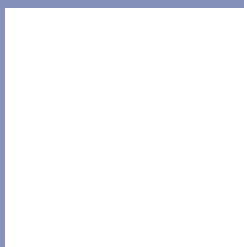
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6612, 28.7825, 50.4993

Background



This preview shows how black text looks on a background with the XYZ color 28.6612, 28.7825, 50.4993.



This preview shows how white text looks on a background with the XYZ color 28.6612, 28.7825,

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

28.6612, 28.7825, 50.4993

Protanopia

28.9895, 28.7259, 50.4711

Deuteranopia

29.3328, 28.6791, 50.4440



Tritanopia

26.0826, 28.6573, 37.8749

Trichromacy



Original Color

28.6612, 28.7825, 50.4993

Protanomaly

28.8279, 28.6426, 50.4636

Deuteranomaly

29.1527, 28.8101, 50.4788

Tritanomaly

27.0515, 28.8279, 42.1688

Monochromacy



Original Color

28.6612, 28.7825, 50.4993

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6964, 28.7937, 37.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6612, 28.7825, 50.4993 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(133, 145, 186)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 186)  
}
```

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(133, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.6612, 28.7825, 50.4993 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(133, 145, 186) }
```


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

```
.border{ border-color:rgb(133, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 186);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6612, 28.7825, 50.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 186) }
```

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

```
.background{ background-color: rgb(133,  
145, 186) }
```

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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