

Converting Colors

XYZ(28.3078, 28.1383, 50.9530)

Have a look what the booklet for
XYZ(28.3078, 28.1383, 50.9530)
contains.

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Color

**XYZ(28.3078, 28.1383,
50.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	848FBB
RGB	132, 143, 187
RGB Percent	52%, 56%, 73%
CMY	0.4823, 0.4392, 0.2667
CMYK	0.29, 0.24, 0.00, 0.27
HSL	228°, 29%, 63%
HSV	228°, 29%, 73%
XYZ	28.3078, 28.1383, 50.9530
YIQ	144.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

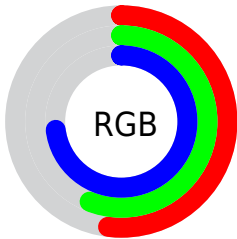
Format	Color
RYB	132, 141, 187
Decimal	8687547
CIELab	60.01, 6.26, -24.22
CIElCh	60, 25.013, 284.500
Yxy	28.1383, 0.2636, 0.2620
Android (android.graphics.Color)	4286877627 (0xFF848FBB)
YUV	144.7270, 20.8406, -11.1616
Hunter-Lab	53.0455, 2.4270, -19.8192

Details

The XYZ color **28.3078, 28.1383, 50.9530** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.1842, 43.2817, 28.0669**, and the grayscale version is **26.7278, 28.1198, 30.6224**.

A 20% lighter version of the original color is **56.3936, 56.8427, 92.7935**, and **11.6108, 11.2993, 24.1233** is the 20% darker color. If you saturate the color by 10%, you get **23.5435, 22.5683, 50.1295**, and if you desaturate by 10%, it is **33.8976, 34.5798, 51.9022**.

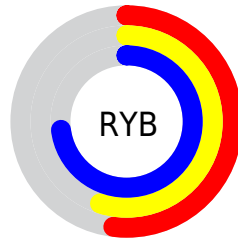
Distribution



Red (52%)

Green (56%)

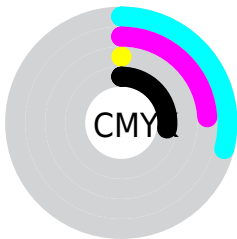
Blue (73%)



Red (52%)

Yellow (55%)

Blue (73%)

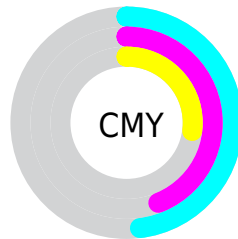


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3078, 28.1383, 50.9530 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 28.3078, 28.1383, 50.9530 by changing the saturation by 10% instead.

■ 28.3078, 28.1383,
50.9530

■ 28.3078, 28.1383,
50.9530

285.9883,
293.1272, 407.2225

■ 18.6995, 18.4299,
35.7947

■ 56.3807, 56.7052,
92.9961

■ 11.5560, 11.2591,
23.9873

■ 75.5760, 76.3325,
120.7180

■ 6.5122, 6.2414,
15.1121

■ 98.6976, 100.0349,
153.4649

■ 3.2025, 2.9924,
8.7506

126.1109,
128.1968, 191.6552

■ 1.2618, 1.1278,
4.4843

158.1812,
161.2025, 235.7076

■ 0.1543, 0.0015,
1.8946

195.2740,

■ 0.0000, 0.0000,

199.4366, 286.0406

0.4893

237.7546,
243.2834, 343.0727

■ 0.0000, 0.0000,
0.0000

■ 28.3078, 28.1383,
50.9530

■ 28.3078, 28.1383,
50.9530

■ 23.5435, 22.5683,
50.1295

■ 33.8976, 34.5798,
51.9022

■ 19.5623, 17.8284,
49.4244

■ 40.3471, 41.9249,
52.9800

■ 16.3217, 13.8789,
48.8329

■ 47.6922, 50.2085,
54.1918

■ 13.7744, 10.6753,
48.3488

■ 55.9654, 59.4622,
55.5419

■ 11.8672, 8.1685,
47.9654

■ 65.1981, 69.7165,
57.0345

■ 10.5385, 6.3031,
47.6754

■ 75.4199, 81.0003,
58.6738

■ 9.6858, 4.9995,
47.4687

■ 83.6916, 91.8115,
60.3246

■ 9.6439, 4.9363,
47.4587

■ 85.9697, 96.3679,
61.0840

Harmonies

Analogous

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



25.1409, 28.1383, 50.8419



28.3078, 28.1383, 50.9530



31.2718, 28.1383, 44.9305

Triad

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



28.3078, 28.1383, 50.9530



31.3557, 28.1383, 19.9136



21.2656, 28.1383, 26.1849

Complementary

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



28.3078, 28.1383, 50.9530



40.1842, 43.2817, 28.0669

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.



22.6769, 28.1383, 19.7517



28.3078, 28.1383, 50.9530



28.4151, 28.1383, 16.6518

Square

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



28.3078, 28.1383, 50.9530



33.1239, 28.1383, 26.4520



25.2401, 28.1383, 16.5991



21.2419, 28.1383, 35.2434

Rectangle

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



28.3078, 28.1383, 50.9530



32.6630, 28.1383, 38.8275



25.2401, 28.1383, 16.5991



21.5882, 28.1383, 23.6892

Sweetspot

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



28.3087, 28.1394, 50.9537



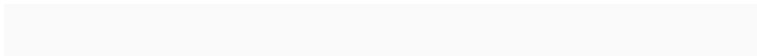
72.5889, 75.4583, 94.9405



35.0328, 43.5452, 47.1597



15.5898, 16.1689, 20.8418



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.



28.3087, 28.1394, 50.9537



45.2772, 44.0757, 90.3225



29.3592, 26.3484, 50.5526



9.1669, 9.5262, 12.0278



6.6866, 3.4849, 32.7131



0.3085, 0.2297, 1.2969

Inverse Universe

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



33.7035, 29.0513, 29.8189



56.5203, 46.2647, 46.2111



38.8213, 45.9120, 28.6464



9.6061, 9.5667, 10.3148



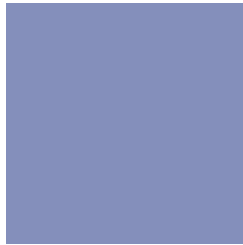
14.3758, 7.3815, 2.0068



0.5866, 0.2985, 0.2025

Previews

White Background



This preview shows how the XYZ color 28.3078, 28.1383, 50.9530 looks on a white background.

Color Contrast Check

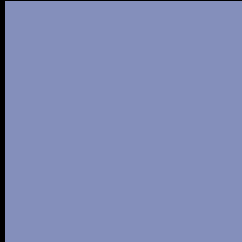
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3078, 28.1383, 50.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

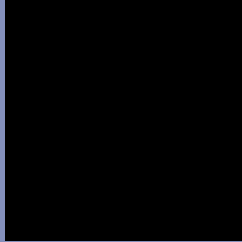
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3078, 28.1383, 50.9530

Background



This preview shows how black text looks on a background with the XYZ color 28.3078, 28.1383, 50.9530.



This preview shows how white text looks on a background with the XYZ color 28.3078, 28.1383,

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

28.3078, 28.1383, 50.9530

Protanopia

28.4650, 28.2193, 50.9603

Deuteranopia

28.7960, 28.1681, 50.9330



Tritanopia

25.5393, 28.1535, 37.3458

Trichromacy



Original Color

28.3078, 28.1383, 50.9530

Protanomaly

28.4650, 28.2193, 50.9603

Deuteranomaly

28.6343, 28.0848, 50.9254

Tritanomaly

26.4367, 28.0492, 42.0509

Monochromacy



Original Color

28.3078, 28.1383, 50.9530

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1336, 28.0600, 37.2437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3078, 28.1383, 50.9530 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(132, 143, 187)` looks like.

```
.text, #text, p{  
    color:rgb(132, 143, 187)  
}
```

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(132, 143, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 143, 187) }
```

Border

The CSS property to change the border of an element to XYZ 28.3078, 28.1383, 50.9530 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(132, 143, 187) }
```


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

```
.border{ border-color:rgb(132, 143, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 143, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 143, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 143, 187);  
box-shadow:4px 4px 4px 4px rgb(132, 143,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3078, 28.1383, 50.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 143, 187) }
```

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

```
.background{ background-color: rgb(132,  
143, 187) }
```

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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