

Converting Colors

XYZ(30.7693, 28.1233, 50.2765)

Have a look what the booklet for
XYZ(30.7693, 28.1233, 50.2765)
contains.

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Color

**XYZ(30.7575, 28.1119,
50.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	9889BA
RGB	152, 137, 186
RGB Percent	60%, 54%, 73%
CMY	0.4039, 0.4627, 0.2706
CMYK	0.18, 0.26, 0.00, 0.27
HSL	258°, 26%, 63%
HSV	258°, 26%, 73%
XYZ	30.7575, 28.1119, 50.2594
YIQ	147.0710, -6.7890, 18.4190

Conversions

Conversions Part 2

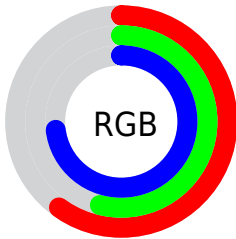
Format	Color
R_{YB}	152, 137, 186
Decimal	9996730
CIE Lab	59.99, 15.73, -23.55
CIE LCh	60, 28.321, 303.744
Yxy	28.1119, 0.2818, 0.2576
Android (android.graphics.Color)	4288186810 (0xFF9889BA)
YUV	147.0710, 19.1920, 4.3227
Hunter-Lab	53.0207, 10.7624, -19.0878

Details

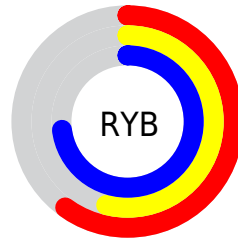
The XYZ color **30.7575, 28.1119, 50.2594** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8697, 45.5825, 30.4178**, and the grayscale version is **27.6884, 29.1304, 31.7230**.

A 20% lighter version of the original color is **60.1726, 56.5031, 91.7392**, and **12.8974, 11.2192, 23.6761** is the 20% darker color. If you saturate the color by 10%, you get **26.0525, 22.0944, 49.3464**, and if you desaturate by 10%, it is **36.1830, 35.1787, 51.3379**.

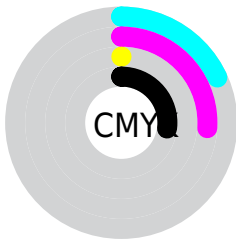
Distribution



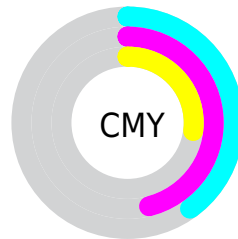
- Red (60%)
- Green (54%)
- Blue (73%)



- Red (60%)
- Yellow (54%)
- Blue (73%)



- Cyan (18%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (46%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7575, 28.1119, 50.2594 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 30.7575, 28.1119, 50.2594 by changing the saturation by 10% instead.

■ 30.7575, 28.1119,
50.2594

■ 30.7575, 28.1119,
50.2594

297.2664,
293.0012, 404.4436

■ 20.5652, 18.4100,
35.2469

■ 60.2365, 56.6630,
91.9594

■ 12.9172, 11.2448,
23.5681

■ 80.2539, 76.2811,
119.4839

■ 7.4481, 6.2317,
14.8043

■ 104.2771, 99.9734,
152.0163

■ 3.7927, 2.9865,
8.5371

132.6713,
128.1242, 189.9749

■ 1.5855, 1.1247,
4.3478

165.8020,
161.1180, 233.7785

■ 0.3830, 0.0000,
1.8180

204.0346,

■ 0.0000, 0.0000,

199.3392, 283.8454

0.4398

247.7342,
243.1721, 340.5942

■ 0.0000, 0.0000,
0.0000

■ 30.7575, 28.1119,
50.2594

■ 30.7575, 28.1119,
50.2594

■ 26.0525, 22.0944,
49.3464

■ 36.1830, 35.1787,
51.3379

■ 22.0335, 17.0719,
48.5887

■ 42.3560, 43.3390,
52.5877

■ 18.6671, 12.9898,
47.9782

■ 49.3053, 52.6385,
54.0164

■ 15.9159, 9.7872,
47.5051

■ 57.0575, 63.1193,
55.6308

■ 13.7383, 7.3957,
47.1582

■ 65.6377, 74.8212,
57.4373

■ 12.0870, 5.7361,
46.9249

■ 75.0701, 87.7824,
59.4419

■ 10.9020, 4.7060,
46.7886

■ 81.3600, 94.0038,
60.3112

■ 10.5468, 4.4132,
46.7508

■ 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.



27.1747, 28.1119, 54.9964



30.7575, 28.1119, 50.2594



33.4299, 28.1119, 40.2567

Triad

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



30.7575, 28.1119, 50.2594



29.9044, 28.1119, 16.0352



20.3829, 28.1119, 31.9237

Complementary

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



30.7575, 28.1119, 50.2594



38.8697, 45.5825, 30.4178

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.



20.9731, 28.1119, 22.6409



30.7575, 28.1119, 50.2594



26.2694, 28.1119, 14.7669

Square

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



30.7575, 28.1119, 50.2594



32.9071, 28.1119, 20.8537



23.0514, 28.1119, 16.8925



21.3606, 28.1119, 43.0125

Rectangle

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



30.7575, 28.1119, 50.2594



34.2184, 28.1119, 32.8234



23.0514, 28.1119, 16.8925



20.4050, 28.1119, 28.4967

Sweetspot

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



30.7584, 28.1131, 50.2600



74.6677, 75.7573, 94.8886



33.8000, 38.1037, 52.0281



16.0582, 16.1727, 20.8178



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.



30.7584, 28.1131, 50.2600



50.3236, 43.9887, 90.0397



35.7592, 30.6910, 50.4941



8.7728, 8.8492, 11.3251



7.1636, 3.0042, 31.4554



0.3177, 0.1395, 1.1119

Inverse Universe

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



36.5469, 31.2718, 42.6389



62.8334, 50.8237, 73.1853



34.0719, 43.1092, 30.1933



9.2607, 9.1146, 10.7202



16.3266, 8.1044, 14.8728



0.6018, 0.2962, 0.6625

Previews

White Background



This preview shows how the XYZ color 30.7575, 28.1119, 50.2594 looks on a white background.

Color Contrast Check

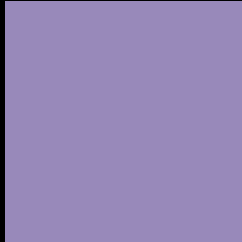
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7575, 28.1119, 50.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

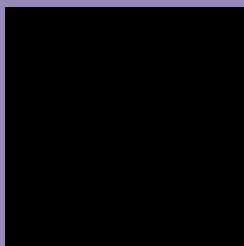
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7575, 28.1119, 50.2594

Background



This preview shows how black text looks on a background with the XYZ color 30.7575, 28.1119, 50.2594.



This preview shows how white text looks on a background with the XYZ color 30.7575, 28.1119,

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

30.7575, 28.1119, 50.2594

Protanopia

28.6324, 28.2682, 52.6624

Deuteranopia

28.7465, 28.1671, 49.8206



Tritanopia

27.5093, 28.0890, 34.5437

Trichromacy



Original Color

30.7575, 28.1119, 50.2594

Protanomaly

29.3576, 28.2128, 52.0424

Deuteranomaly

29.2904, 28.0097, 49.7616

Tritanomaly

28.6206, 28.0988, 39.9915

Monochromacy



Original Color

30.7575, 28.1119, 50.2594

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6499, 28.6077, 37.7300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7575, 28.1119, 50.2594 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(152, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 137, 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(152, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 137, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.7575, 28.1119, 50.2594 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(152, 137, 186) }
```


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

```
.border{ border-color:rgb(152, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 137, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 137, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 137,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7575, 28.1119, 50.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 137, 186) }
```

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

```
.background{ background-color: rgb(152,  
137, 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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