

Converting Colors

XYZ(27.2321, 25.4278, 47.8664)

Have a look what the booklet for
XYZ(27.2321, 25.4278, 47.8664)
contains.

XYZ(27.3123, 25.5557, 47.7492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3123, 25.5557,
47.7492)**

Conversions

Conversions Part 1

Format	Color
Hex	8A85B6
RGB	138, 133, 182
RGB Percent	54%, 52%, 71%
CMY	0.4588, 0.4784, 0.2863
CMYK	0.24, 0.27, 0.00, 0.29
HSL	246°, 25%, 62%
HSV	246°, 27%, 71%
XYZ	27.3123, 25.5557, 47.7492
YIQ	140.0810, -12.7490, 16.2990

Conversions

Conversions Part 2

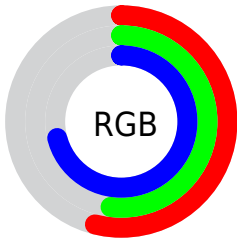
Format	Color
RYB	138, 133, 182
Decimal	9078198
CIELab	57.61, 12.65, -25.03
CIElCh	58, 28.045, 296.810
Yxy	25.5557, 0.2714, 0.2540
Android (android.graphics.Color)	4287268278 (0xFF8A85B6)
YUV	140.0810, 20.6661, -1.8250
Hunter-Lab	50.5526, 7.9718, -20.6152

Details

The XYZ color **27.3123, 25.5557, 47.7492** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.0936, 44.4970, 28.7196**, and the grayscale version is **24.8852, 26.1811, 28.5113**.

A 20% lighter version of the original color is **54.7297, 52.4973, 88.1373**, and **11.0633, 9.9519, 22.1067** is the 20% darker color. If you saturate the color by 10%, you get **22.5298, 19.7067, 46.8727**, and if you desaturate by 10%, it is **32.9351, 32.4800, 48.7898**.

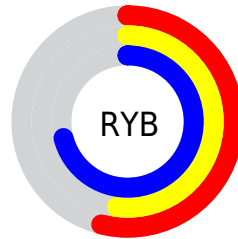
Distribution



Red (54%)

Green (52%)

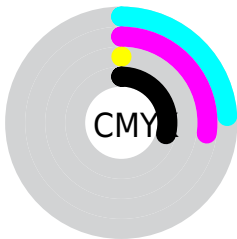
Blue (71%)



Red (54%)

Yellow (52%)

Blue (71%)

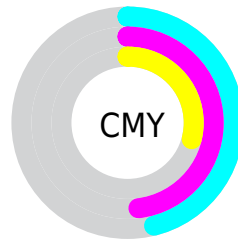


Cyan (24%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3123, 25.5557, 47.7492 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 27.3123, 25.5557, 47.7492 by changing the saturation by 10% instead.

■ 27.3123, 25.5557,
47.7492

■ 27.3123, 25.5557,
47.7492

281.3061,
280.5942, 394.2771

■ 17.9457, 16.4916,
33.2697

■ 54.8010, 52.5573,
88.1925

■ 11.0105, 9.8727,
22.0604

■ 73.6537, 71.2636,
114.9935

■ 6.1412, 5.3146,
13.7025

■ 96.3993, 93.9526,
146.7387

■ 2.9726, 2.4330,
7.7777

123.4030,
121.0089, 183.8466

■ 1.1393, 0.8428,
3.8673

155.0301,
152.8168, 226.7359

■ 0.0576, 0.0000,
1.5528

191.6462,

■ 0.0000, 0.0000,

189.7607, 275.8251

0.2568

233.6164,
232.2251, 331.5326

■ 0.0000, 0.0000,
0.0000

■ 27.3123, 25.5557,
47.7492

■ 27.3123, 25.5557,
47.7492

■ 22.5298, 19.7067,
46.8727

■ 32.9351, 32.4800,
48.7898

■ 18.5446, 14.8760,
46.1504

■ 39.4334, 40.5265,
50.0004

■ 15.3140, 11.0061,
45.5737

■ 46.8433, 49.7432,
51.3889

■ 12.7898, 8.0325,
45.1327

■ 55.1981, 60.1744,
52.9620

■ 10.9187, 5.8826,
44.8164

■ 64.5297, 71.8619,
54.7261

■ 9.6391, 4.4726,
44.6117

■ 74.8682, 84.8458,
56.6873

■ 8.8717, 3.6884,
44.5007

■ 84.4945, 95.6682,
58.2689

■ 8.7039, 3.5116,
44.4755

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



23.9333, 25.5557, 50.6054



27.3123, 25.5557, 47.7492



30.0885, 25.5557, 39.1941

Triad

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



27.3123, 25.5557, 47.7492



27.9891, 25.5557, 15.0677



18.4099, 25.5557, 26.8119

Complementary

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



27.3123, 25.5557, 47.7492



39.0936, 44.4970, 28.7196

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.



19.2887, 25.5557, 18.9004



27.3123, 25.5557, 47.7492



24.6501, 25.5557, 13.1730

Square

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



27.3123, 25.5557, 47.7492



30.5038, 25.5557, 20.3077



21.4992, 25.5557, 14.3960



18.9830, 25.5557, 37.0023

Rectangle

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



27.3123, 25.5557, 47.7492



31.1159, 25.5557, 32.2506



21.4992, 25.5557, 14.3960



18.5432, 25.5557, 23.8255

Sweetspot

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



27.3131, 25.5567, 47.7498



69.9753, 71.5918, 90.3662



33.8590, 39.8484, 50.1634



15.0469, 15.3059, 19.8829



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3131, 25.5567, 47.7498



44.4621, 40.1403, 85.6402



31.8135, 27.8767, 47.9604



8.6039, 8.7622, 11.3172



6.1742, 2.4941, 31.4091



0.2460, 0.1026, 1.1086

Inverse Universe

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



35.6154, 29.8953, 45.4887



61.9655, 49.2916, 80.6747



34.0238, 41.8834, 28.4823



9.3404, 9.1465, 11.1398



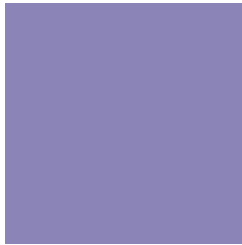
18.3332, 8.9070, 25.4393



0.6578, 0.3186, 0.9572

Previews

White Background



This preview shows how the XYZ color 27.3123, 25.5557, 47.7492 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 27.3123, 25.5557, 47.7492 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 27.3123, 25.5557, 47.7492

Background



This preview shows how black text looks on a background with the XYZ color 27.3123, 25.5557, 47.7492.



This preview shows how white text looks on a background with the XYZ color 27.3123, 25.5557,

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

27.3123, 25.5557, 47.7492

Protanopia

26.1601, 25.7541, 49.4912

Deuteranopia

26.0467, 25.5337, 47.2717



Tritanopia

24.2534, 25.5728, 32.5119

Trichromacy



Original Color

27.3123, 25.5557, 47.7492

Protanomaly

26.6618, 25.8148, 48.9249

Deuteranomaly

26.5202, 25.5697, 47.2537

Tritanomaly

25.2988, 25.5683, 37.7842

Monochromacy



Original Color

27.3123, 25.5557, 47.7492

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5095, 25.7468, 34.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3123, 25.5557, 47.7492 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(138, 133, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 182)  
}
```

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(138, 133, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 182) }
```

Border

The CSS property to change the border of an element to XYZ 27.3123, 25.5557, 47.7492 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(138, 133, 182) }
```


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

```
.border{ border-color:rgb(138, 133, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 133, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 182);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3123, 25.5557, 47.7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 182) }
```

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

```
.background{ background-color: rgb(138,  
133, 182) }
```

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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