

Converting Colors

XYZ(27.1751, 24.9318, 45.5001)

Have a look what the booklet for
XYZ(27.1751, 24.9318, 45.5001)
contains.

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Color

**XYZ(27.1738, 24.9304,
45.4993)**

Conversions

Conversions Part 1

Format	Color
Hex	8E82B2
RGB	142, 130, 178
RGB Percent	56%, 51%, 70%
CMY	0.4431, 0.4902, 0.3020
CMYK	0.20, 0.27, 0.00, 0.30
HSL	255°, 24%, 60%
HSV	255°, 27%, 70%
XYZ	27.1738, 24.9304, 45.4993
YIQ	139.0600, -8.2560, 17.4720

Conversions

Conversions Part 2

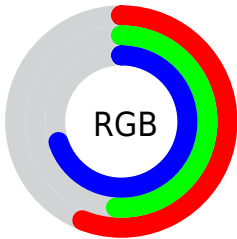
Format	Color
R_{YB}	142, 130, 178
Decimal	9339570
CIE _{Lab}	57.01, 14.70, -23.65
CIE _{LCh}	57, 27.845, 301.864
Yxy	24.9304, 0.2784, 0.2554
Android (android.graphics.Color)	4287529650 (0xFF8E82B2)
YUV	139.0600, 19.1974, 2.5784
Hunter-Lab	49.9304, 9.7677, -19.0771

Details

The XYZ color **27.1738, 24.9304, 45.4993** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.6764, 41.5601, 27.2618**, and the grayscale version is **24.4951, 25.7707, 28.0643**.

A 20% lighter version of the original color is **54.5497, 51.5432, 84.9157**, and **10.9585, 9.5897, 20.6755** is the 20% darker color. If you saturate the color by 10%, you get **22.8529, 19.4875, 44.6769**, and if you desaturate by 10%, it is **32.1803, 31.3360, 46.4722**.

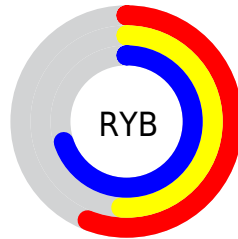
Distribution



Red (56%)

Green (51%)

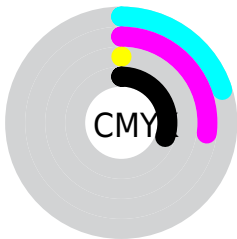
Blue (70%)



Red (56%)

Yellow (51%)

Blue (70%)

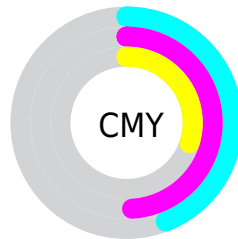


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1738, 24.9304, 45.4993 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 27.1738, 24.9304, 45.4993 by changing the saturation by 10% instead.

■ 27.1738, 24.9304,
45.4993

■ 27.1738, 24.9304,
45.4993

280.6499,
277.4912, 385.0109

■ 17.8411, 16.0252,
31.5051

■ 54.5806, 51.5443,
84.7955

■ 10.9349, 9.5420,
20.7221

■ 73.3853, 70.0218,
110.9346

■ 6.0901, 5.0964,
12.7317

■ 96.0780, 92.4588,
141.9591

■ 2.9411, 2.3039,
7.1155

123.0242,
119.2398, 178.2875

■ 1.1227, 0.7758,
3.4549

154.5891,
150.7491, 220.3383

■ 0.0440, 0.0000,
1.3314

191.1381,

■ 0.0000, 0.0000,

187.3712, 268.5301

0.0873

233.0366,
229.4904, 323.2815

■ 0.0000, 0.0000,
0.0000

■ 27.1738, 24.9304,
45.4993

■ 27.1738, 24.9304,
45.4993

■ 22.8529, 19.4875,
44.6769

■ 32.1803, 31.3360,
46.4722

■ 19.1845, 14.9569,
43.9957

■ 37.8986, 38.7450,
47.6009

■ 16.1360, 11.2886,
43.4483

■ 44.3567, 47.1995,
48.8924

■ 13.6713, 8.4262,
43.0257

■ 51.5801, 56.7385,
50.3529

■ 11.7502, 6.3064,
42.7178

■ 59.5932, 67.3987,
51.9882

■ 10.3267, 4.8561,
42.5129

■ 68.4194, 79.2151,
53.8038

■ 9.3396, 3.9735,
42.3946

■ 78.0809, 92.2214,
55.8051

■ 9.0961, 3.7609,
42.3664

■ 82.7933, 94.8383,
56.0618

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



23.9008, 24.9304, 49.4244



27.1738, 24.9304, 45.4993



29.6866, 24.9304, 36.5569

Triad

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



27.1738, 24.9304, 45.4993



26.7873, 24.9304, 14.1565



17.9483, 24.9304, 27.7353

Complementary

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



27.1738, 24.9304, 45.4993



35.6764, 41.5601, 27.2618

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.



18.5703, 24.9304, 19.5054



27.1738, 24.9304, 45.4993



23.4915, 24.9304, 12.8274

Square

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



27.1738, 24.9304, 45.4993



29.4494, 24.9304, 18.7022



20.5276, 24.9304, 14.5396



18.7448, 24.9304, 37.8090

Rectangle

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



27.1738, 24.9304, 45.4993



30.4839, 24.9304, 29.7749



20.5276, 24.9304, 14.5396



17.9982, 24.9304, 24.6746

Sweetspot

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



27.1746, 24.9314, 45.4999



67.4406, 68.5874, 86.0654



31.0247, 35.5251, 47.3417



14.5840, 14.7308, 18.9969



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.1746, 24.9314, 45.4999



44.7496, 39.4843, 81.6438



31.5780, 27.2014, 45.7059



8.2344, 8.3294, 10.6801



6.5582, 2.7167, 30.3157



0.2607, 0.1135, 0.9564

Inverse Universe

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



33.2265, 28.1844, 39.7664



57.5589, 46.3766, 69.1936



31.2436, 39.2749, 27.0543



8.7574, 8.6097, 10.2211



16.2172, 8.0044, 16.8355



0.5320, 0.2605, 0.6440

Previews

White Background



This preview shows how the XYZ color 27.1738, 24.9304, 45.4993 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 27.1738, 24.9304, 45.4993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

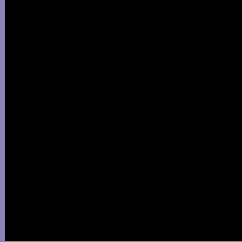
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1738, 24.9304, 45.4993

Background



This preview shows how black text looks on a background with the XYZ color 27.1738, 24.9304, 45.4993.



This preview shows how white text looks on a background with the XYZ color 27.1738, 24.9304,

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

27.1738, 24.9304, 45.4993

Protanopia

25.4197, 24.9904, 47.7398

Deuteranopia

25.5142, 24.8916, 45.0548



Tritanopia

24.2240, 24.9491, 31.1427

Trichromacy



Original Color

27.1738, 24.9304, 45.4993

Protanomaly

26.0881, 24.9365, 47.1543

Deuteranomaly

26.1549, 25.0177, 45.0454

Tritanomaly

25.1779, 24.9221, 35.8312

Monochromacy



Original Color

27.1738, 24.9304, 45.4993

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3691, 25.4837, 33.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1738, 24.9304, 45.4993 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(142, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 178)  
}
```

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(142, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 178) }
```

Border

The CSS property to change the border of an element to XYZ 27.1738, 24.9304, 45.4993 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(142, 130, 178) }
```


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

```
.border{ border-color:rgb(142, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1738, 24.9304, 45.4993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 178) }
```

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

```
.background{ background-color: rgb(142,  
130, 178) }
```

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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