

Converting Colors

XYZ(27.1403, 25.3450, 44.0138)

Have a look what the booklet for
XYZ(27.1403, 25.3450, 44.0138)
contains.

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Color

**XYZ(27.1445, 25.3485,
44.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	8E84AF
RGB	142, 132, 175
RGB Percent	56%, 52%, 69%
CMY	0.4431, 0.4823, 0.3137
CMYK	0.19, 0.25, 0.00, 0.31
HSL	254°, 21%, 60%
HSV	254°, 25%, 69%
XYZ	27.1445, 25.3485, 44.0195
YIQ	139.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

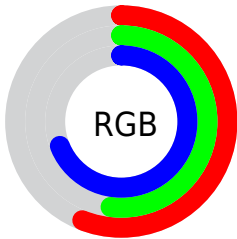
Format	Color
R_{YB}	142, 132, 175
Decimal	9340079
CIE _{Lab}	57.41, 12.83, -21.31
CIE _{LCh}	57, 24.876, 301.054
Yxy	25.3485, 0.2813, 0.2626
Android (android.graphics.Color)	4287530159 (0xFF8E84AF)
YUV	139.8920, 17.3082, 1.8487
Hunter-Lab	50.3473, 8.1296, -16.5952

Details

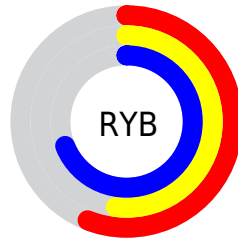
The XYZ color **27.1445, 25.3485, 44.0195** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0126, 40.3258, 27.7692**, and the grayscale version is **24.8232, 26.1159, 28.4402**.

A 20% lighter version of the original color is **54.5377, 52.2032, 82.8031**, and **10.9205, 9.8158, 19.7314** is the 20% darker color. If you saturate the color by 10%, you get **22.8005, 19.8773, 43.1928**, and if you desaturate by 10%, it is **32.1659, 31.7611, 44.9930**.

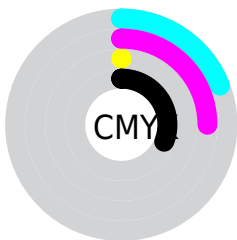
Distribution



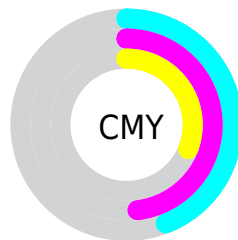
- Red (56%)
- Green (52%)
- Blue (69%)



- Red (56%)
- Yellow (52%)
- Blue (69%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1445, 25.3485, 44.0195 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 27.1445, 25.3485, 44.0195 by changing the saturation by 10% instead.

■ 27.1445, 25.3485,
44.0195

■ 27.1445, 25.3485,
44.0195

280.5109,
279.5691, 378.8315

■ 17.8189, 16.3369,
30.3485

■ 54.5339, 52.2220,
82.5499

■ 10.9190, 9.7629,
19.8490

■ 73.3285, 70.8527,
108.2464

■ 6.0793, 5.2420,
12.1023

■ 96.0100, 93.4586,
138.7884

■ 2.9345, 2.3899,
6.6900

122.9440,
120.4240, 174.5946

■ 1.1192, 0.8207,
3.1935

154.4957,
152.1334, 216.0835

■ 0.0411, 0.0000,
1.1943

191.0305,

■ 0.0000, 0.0000,

188.9711, 263.6736

0.0000

232.9138,
231.3215, 317.7834

■ 27.1445, 25.3485,
44.0195

■ 27.1445, 25.3485,
44.0195

■ 22.8005, 19.8773,
43.1928

■ 32.1659, 31.7611,
44.9930

■ 19.1017, 15.2995,
42.5042

■ 37.8901, 39.1537,
46.1182

■ 16.0171, 11.5679,
41.9465

■ 44.3440, 47.5666,
47.4019

■ 13.5118, 8.6291,
41.5113

■ 51.5526, 57.0367,
48.8499

■ 11.5473, 6.4240,
41.1892

■ 59.5393, 67.5993,
50.4677

■ 10.0803, 4.8846,
40.9694

■ 68.3270, 79.2878,
52.2607

■ 9.0595, 3.9296,
40.8388

■ 77.9371, 92.1345,
54.2339

■ 8.6403, 3.5604,
40.7897

■ 82.7241, 94.8370,
54.5032

■ 84.7379, 95.8752,
54.5974

Harmonies

Analogous

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



24.1977, 25.3485, 47.2766



27.1445, 25.3485, 44.0195



29.4150, 25.3485, 36.2488

Triad

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



27.1445, 25.3485, 44.0195



26.9489, 25.3485, 15.6689



18.8468, 25.3485, 27.9007

Complementary

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



27.1445, 25.3485, 44.0195



35.0126, 40.3258, 27.7692

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.



19.4550, 25.3485, 20.4499



27.1445, 25.3485, 44.0195



23.9886, 25.3485, 14.3178

Square

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



27.1445, 25.3485, 44.0195



29.2958, 25.3485, 20.0282



21.2792, 25.3485, 15.8750



19.5458, 25.3485, 36.8743

Rectangle

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



27.1445, 25.3485, 44.0195



30.1530, 25.3485, 30.2087



21.2792, 25.3485, 15.8750



18.9047, 25.3485, 25.1464

Sweetspot

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



27.1453, 25.3495, 44.0201



65.1215, 66.5738, 82.0546



30.8331, 35.1589, 45.7191



14.3385, 14.6214, 18.2108



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1453, 25.3495, 44.0201



44.6307, 40.3615, 78.0751



31.0567, 27.3659, 44.2031



7.7468, 7.8438, 10.0584



6.2340, 2.5736, 29.2127



0.2210, 0.0961, 0.8149

Inverse Universe

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



32.7228, 28.3341, 39.3426



56.2701, 46.5951, 68.0808



31.0293, 38.2723, 27.5828



8.2562, 8.1157, 9.6600



15.7819, 7.7753, 17.0289



0.4582, 0.2240, 0.5749

Previews

White Background



This preview shows how the XYZ color 27.1445, 25.3485, 44.0195 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 27.1445, 25.3485, 44.0195 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 27.1445, 25.3485, 44.0195

Background



This preview shows how black text looks on a background with the XYZ color 27.1445, 25.3485, 44.0195.



This preview shows how white text looks on a background with the XYZ color 27.1445, 25.3485,

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

27.1445, 25.3485, 44.0195

Protanopia

25.5924, 25.3347, 45.6607

Deuteranopia

25.8197, 25.2895, 43.5649



Tritanopia

24.6075, 25.3478, 31.6126

Trichromacy



Original Color

27.1445, 25.3485, 44.0195

Protanomaly

26.1155, 25.4078, 45.1227

Deuteranomaly

26.3184, 25.3404, 43.5485

Tritanomaly

25.4830, 25.2855, 35.8852

Monochromacy



Original Color

27.1445, 25.3485, 44.0195

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6799, 25.8539, 33.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1445, 25.3485, 44.0195 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, 132, 175)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 175)  
}
```

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, 132, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 175) }
```

Border

The CSS property to change the border of an element to XYZ 27.1445, 25.3485, 44.0195 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, 132, 175) }
```


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

```
.border{ border-color:rgb(142, 132, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 175);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1445, 25.3485, 44.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 175) }
```

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

```
.background{ background-color: rgb(142,  
132, 175) }
```

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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