

Converting Colors

XYZ(27.6651, 25.9555, 44.6002)

Have a look what the booklet for
XYZ(27.6651, 25.9555, 44.6002)
contains.

XYZ(27.6893, 26.0244, 44.6381)	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(27.6893, 26.0244,
44.6381)**

Conversions

Conversions Part 1

Format	Color
Hex	8F86B0
RGB	143, 134, 176
RGB Percent	56%, 53%, 69%
CMY	0.4392, 0.4745, 0.3098
CMYK	0.19, 0.24, 0.00, 0.31
HSL	253°, 21%, 61%
HSV	253°, 24%, 69%
XYZ	27.6893, 26.0244, 44.6381
YIQ	141.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

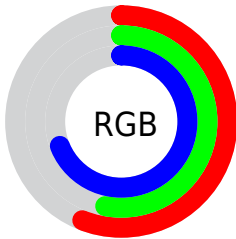
Format	Color
RYB	143, 134, 176
Decimal	9406128
CIELab	58.06, 12.23, -20.88
CIELCh	58, 24.203, 300.358
Yxy	26.0244, 0.2815, 0.2646
Android (android.graphics.Color)	4287596208 (0xFF8F86B0)
YUV	141.4790, 17.0189, 1.3339
Hunter-Lab	51.0141, 7.6110, -16.1697

Details

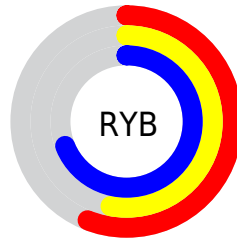
The XYZ color **27.6893, 26.0244, 44.6381** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.7654, 40.9879, 28.5817**, and the grayscale version is **25.4437, 26.7687, 29.1512**.

A 20% lighter version of the original color is **55.3618, 53.2372, 83.7019**, and **11.1591, 10.0460, 20.0898** is the 20% darker color. If you saturate the color by 10%, you get **23.2081, 20.3992, 43.7889**, and if you desaturate by 10%, it is **32.8721, 32.6135, 45.6372**.

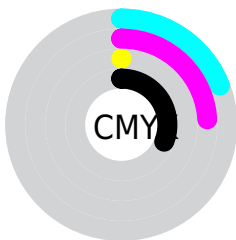
Distribution



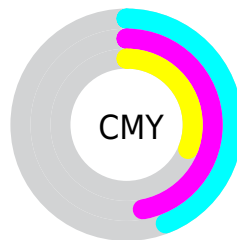
- Red (56%)
- Green (53%)
- Blue (69%)



- Red (56%)
- Yellow (53%)
- Blue (69%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6893, 26.0244, 44.6381 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 27.6893, 26.0244, 44.6381 by changing the saturation by 10% instead.

■ 27.6893, 26.0244,
44.6381

■ 27.6893, 26.0244,
44.6381

283.0864,
282.9018, 381.4232

■ 18.2308, 16.8419,
30.8316

■ 55.4001, 53.3143,
83.4898

■ 11.2165, 10.1218,
20.2133

■ 74.3832, 72.1905,
109.3720

■ 6.2810, 5.4798,
12.3645

■ 97.2719, 95.0667,
140.1166

■ 3.0590, 2.5314,
6.8669

124.4315,
122.3273, 176.1420

■ 1.1850, 0.8923,
3.3018

156.2274,
154.3568, 217.8668

■ 0.0945, 0.0000,
1.2507

193.0249,

■ 0.0000, 0.0000,

191.5394, 265.7096

0.0209

235.1895,
234.2596, 320.0889

■ 0.0000, 0.0000,
0.0000

■ 27.6893, 26.0244,
44.6381

■ 27.6893, 26.0244,
44.6381

■ 23.2081, 20.3992,
43.7889

■ 32.8721, 32.6135,
45.6372

■ 19.3954, 15.6892,
43.0808

■ 38.7829, 40.2059,
46.7911

■ 16.2189, 11.8462,
42.5064

■ 45.4495, 48.8426,
48.1068

■ 13.6426, 8.8162,
42.0574

■ 52.8978, 58.5612,
49.5901

■ 11.6268, 6.5391,
41.7241

■ 61.1521, 69.3977,
51.2467

■ 10.1267, 4.9459,
41.4956

■ 70.2361, 81.3862,
53.0820

■ 9.0898, 3.9550,
41.3590

■ 79.4650, 93.1455,
54.8653

■ 8.6254, 3.5413,
41.3036

■ 84.3350, 95.6561,
55.0932

■ 84.8365, 95.9146,
55.1167

Harmonies

Analogous

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



24.7706, 26.0244, 47.6962



27.6893, 26.0244, 44.6381



29.9547, 26.0244, 37.0759

Triad

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



27.6893, 26.0244, 44.6381



27.6237, 26.0244, 16.5120



19.5250, 26.0244, 28.4370

Complementary

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



27.6893, 26.0244, 44.6381



35.7654, 40.9879, 28.5817

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.



20.1606, 26.0244, 21.0906



27.6893, 26.0244, 44.6381



24.7003, 26.0244, 15.0844

Square

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



27.6893, 26.0244, 44.6381



29.9148, 26.0244, 20.9477



21.9994, 26.0244, 16.5824



20.1913, 26.0244, 37.2849

Rectangle

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



27.6893, 26.0244, 44.6381



30.7072, 26.0244, 31.1216



21.9994, 26.0244, 16.5824



19.5929, 26.0244, 25.7221

Sweetspot

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



27.6901, 26.0255, 44.6387



66.6955, 68.2257, 84.1489



31.5976, 36.0614, 46.3699



14.3182, 14.6109, 18.2099



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.



27.6901, 26.0255, 44.6387



45.4788, 41.2314, 80.0568



31.5486, 28.0146, 44.8193



8.2066, 8.3150, 10.6788



6.3701, 2.6197, 30.3069



0.2493, 0.1076, 0.9559

Inverse Universe

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



33.4054, 29.0713, 40.4106



57.8567, 47.8338, 70.6343



31.7902, 38.9386, 28.3957



8.7705, 8.6149, 10.2899



16.5401, 8.1336, 18.5360



0.5399, 0.2637, 0.6859

Previews

White Background



This preview shows how the XYZ color 27.6893, 26.0244, 44.6381 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 27.6893, 26.0244, 44.6381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

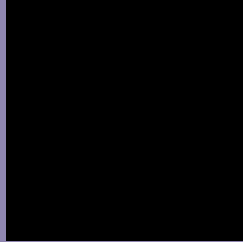
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6893, 26.0244, 44.6381

Background



This preview shows how black text looks on a background with the XYZ color 27.6893, 26.0244, 44.6381.



This preview shows how white text looks on a background with the XYZ color 27.6893, 26.0244,

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

27.6893, 26.0244, 44.6381

Protanopia

26.2784, 26.0988, 46.3004

Deuteranopia

26.6752, 26.1374, 44.1965



Tritanopia

25.2189, 26.0705, 32.5571

Trichromacy



Original Color

27.6893, 26.0244, 44.6381

Protanomaly

26.8131, 26.1740, 45.7584

Deuteranomaly

27.0233, 26.1067, 44.1723

Tritanomaly

26.0189, 25.9700, 36.4423

Monochromacy



Original Color

27.6893, 26.0244, 44.6381

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0765, 26.2608, 34.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6893, 26.0244, 44.6381 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(143, 134, 176)` looks like.

```
.text, #text, p{  
    color:rgb(143, 134, 176)  
}
```

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(143, 134, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 134, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.6893, 26.0244, 44.6381 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(143, 134, 176) }
```


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

```
.border{ border-color:rgb(143, 134, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 134, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 134, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 134, 176);  
box-shadow:4px 4px 4px 4px rgb(143, 134,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6893, 26.0244, 44.6381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 134, 176) }
```

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

```
.background{ background-color: rgb(143,  
134, 176) }
```

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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