

Converting Colors

XYZ(26.4704, 23.8210, 44.8011)

Have a look what the booklet for
XYZ(26.4704, 23.8210, 44.8011)
contains.

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Color

**XYZ(26.3812, 23.7588,
44.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7EB1
RGB	141, 126, 177
RGB Percent	55%, 49%, 69%
CMY	0.4471, 0.5059, 0.3059
CMYK	0.20, 0.29, 0.00, 0.31
HSL	258°, 25%, 59%
HSV	258°, 29%, 69%
XYZ	26.3812, 23.7588, 44.7904
YIQ	136.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

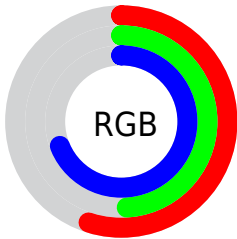
Format	Color
R _Y B	141, 126, 177
Decimal	9273009
CIE Lab	55.85, 16.47, -24.87
CIE LCh	56, 29.833, 303.520
Yxy	23.7588, 0.2779, 0.2503
Android (android.graphics.Color)	4287463089 (0xFF8D7EB1)
YUV	136.2990, 20.0656, 4.1228
Hunter-Lab	48.7430, 11.3094, -20.3620

Details

The XYZ color **26.3812, 23.7588, 44.7904** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.3890, 40.6326, 25.7701**, and the grayscale version is **23.4436, 24.6645, 26.8596**.

A 20% lighter version of the original color is **53.3338, 49.7255, 83.8778**, and **10.5084, 8.9366, 20.2399** is the 20% darker color. If you saturate the color by 10%, you get **22.3091, 18.5922, 44.0082**, and if you desaturate by 10%, it is **31.0950, 29.8518, 45.7184**.

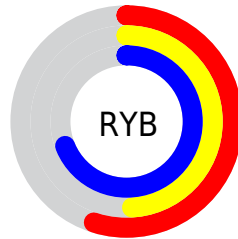
Distribution



Red (55%)

Green (49%)

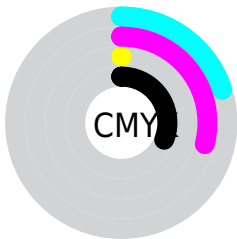
Blue (69%)



Red (55%)

Yellow (49%)

Blue (69%)

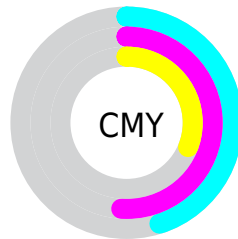


Cyan (20%)

Magenta (29%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3812, 23.7588, 44.7904 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 26.3812, 23.7588, 44.7904 by changing the saturation by 10% instead.

■ 26.3812, 23.7588,
44.7904

■ 26.3812, 23.7588,
44.7904

276.8709,
271.5988, 382.0594

■ 17.2432, 15.1548,
30.9506

■ 53.3162, 49.6363,
83.7209

■ 10.5044, 8.9281,
20.3031

■ 71.8439, 67.6786,
109.6487

■ 5.7995, 4.6943,
12.4293

■ 94.2323, 89.6358,
140.4429

■ 2.7630, 2.0690,
6.9107

120.8466,
115.8922, 176.5221

■ 1.0297, 0.6471,
3.3287

152.0523,
146.8324, 218.3048

■ 0.0000, 0.0000,
1.2648

188.2147,

■ 0.0000, 0.0000,

182.8406, 266.2096

0.0327

229.6991,
224.3013, 320.6549

■ 0.0000, 0.0000,
0.0000

■ 26.3812, 23.7588,
44.7904

■ 26.3812, 23.7588,
44.7904

■ 22.3091, 18.5922,
44.0082

■ 31.0950, 29.8518,
45.7184

■ 18.8474, 14.3027,
43.3627

■ 36.4753, 36.9113,
46.7975

■ 15.9653, 10.8411,
42.8464

■ 42.5483, 44.9784,
48.0345

■ 13.6286, 8.1515,
42.4504

■ 49.3382, 54.0913,
49.4356

■ 11.7987, 6.1712,
42.1646

■ 56.8678, 64.2858,
51.0065

■ 10.4318, 4.8272,
41.9773

■ 65.1592, 75.5963,
52.7526

■ 9.4556, 3.9917,
41.8674

■ 74.2333, 88.0554,
54.6792

■ 9.3550, 3.9059,
41.8562

■ 79.9566, 93.3875,
55.4067

■ 84.3682, 95.6617,
55.6132

Harmonies

Analogous

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



22.9851, 23.7588, 49.3693



26.3812, 23.7588, 44.7904



28.9420, 23.7588, 35.1306

Triad

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



26.3812, 23.7588, 44.7904



25.6189, 23.7588, 12.4865



16.6742, 23.7588, 27.0338

Complementary

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



26.3812, 23.7588, 44.7904



34.3890, 40.6326, 25.7701

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.



17.2296, 23.7588, 18.3980



26.3812, 23.7588, 44.7904



22.1837, 23.7588, 11.3386

Square

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



26.3812, 23.7588, 44.7904



28.4718, 23.7588, 16.8595



19.1663, 23.7588, 13.2059



17.5663, 23.7588, 37.6246

Rectangle

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



26.3812, 23.7588, 44.7904



29.7073, 23.7588, 28.0367



19.1663, 23.7588, 13.2059



16.6982, 23.7588, 23.8166

Sweetspot

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



26.3820, 23.7598, 44.7909



64.9760, 65.6450, 83.7414



29.5582, 33.6456, 46.5317



13.7689, 13.8143, 18.0851



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.



26.3820, 23.7598, 44.7909



42.1772, 36.0968, 79.2397



31.1128, 26.1986, 45.0123



8.2691, 8.3472, 10.6817



6.8319, 2.8578, 30.3285



0.2748, 0.1208, 0.9571

Inverse Universe

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



32.1146, 26.8784, 37.6787



54.3735, 42.7409, 63.6974



29.8135, 38.2738, 25.5560



8.7414, 8.6033, 10.1366



15.8437, 7.8550, 14.8688



0.5225, 0.2568, 0.5943

Previews

White Background



This preview shows how the XYZ color 26.3812, 23.7588, 44.7904 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 26.3812, 23.7588, 44.7904 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 26.3812, 23.7588, 44.7904

Background



This preview shows how black text looks on a background with the XYZ color 26.3812, 23.7588, 44.7904.



This preview shows how white text looks on a background with the XYZ color 26.3812, 23.7588,

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

26.3812, 23.7588, 44.7904

Protanopia

24.4405, 23.8730, 47.5758

Deuteranopia

24.3999, 23.9222, 44.4057



Tritanopia

23.3371, 23.9091, 29.3715

Trichromacy



Original Color

26.3812, 23.7588, 44.7904

Protanomaly

25.1229, 23.8497, 46.4594

Deuteranomaly

25.0250, 23.8457, 44.3580

Tritanomaly

24.2156, 23.6502, 34.2990

Monochromacy



Original Color

26.3812, 23.7588, 44.7904

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3184, 24.1402, 32.6560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3812, 23.7588, 44.7904 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(141, 126, 177)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 177)  
}
```

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(141, 126, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.3812, 23.7588, 44.7904 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(141, 126, 177) }
```


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

```
.border{ border-color:rgb(141, 126, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 126, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 126, 177); box-shadow:4px 4px 4px 4px rgb(141, 126, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3812, 23.7588, 44.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 177) }
```

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

```
.background{ background-color: rgb(141,  
126, 177) }
```

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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