

Converting Colors

XYZ(24.4577, 26.2346, 39.7310)

Have a look what the booklet for
XYZ(24.4577, 26.2346, 39.7310)
contains.

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Color

**XYZ(24.4411, 26.1641,
39.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	798EA6
RGB	121, 142, 166
RGB Percent	47%, 56%, 65%
CMY	0.5255, 0.4431, 0.3490
CMYK	0.27, 0.14, 0.00, 0.35
HSL	212°, 20%, 56%
HSV	212°, 27%, 65%
XYZ	24.4411, 26.1641, 39.8384
YIQ	138.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

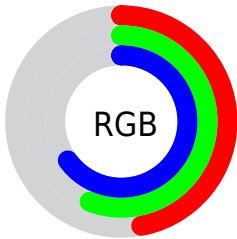
Format	Color
RYB	121, 135, 166
Decimal	7966374
CIELab	58.19, -1.84, -15.13
CIELCh	58, 15.240, 263.060
Yxy	26.1641, 0.2702, 0.2893
Android (android.graphics.Color)	4286156454 (0xFF798EA6)
YUV	138.4570, 13.5787, -15.3098
Hunter-Lab	51.1509, -4.2224, -10.3719

Details

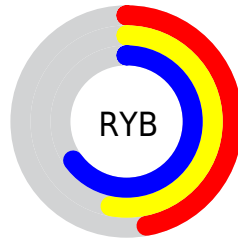
The XYZ color **24.4411, 26.1641, 39.8384** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3029, 29.7386, 22.2856**, and the grayscale version is **24.2880, 25.5528, 27.8270**.

A 20% lighter version of the original color is **50.2466, 53.6990, 76.1233**, and **9.4629, 10.2088, 17.3913** is the 20% darker color. If you saturate the color by 10%, you get **21.0468, 22.5365, 39.3175**, and if you desaturate by 10%, it is **28.3420, 30.2094, 40.4141**.

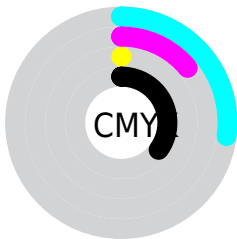
Distribution



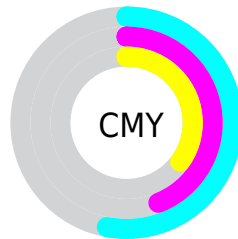
- Red (47%)
- Green (56%)
- Blue (65%)



- Red (47%)
- Yellow (53%)
- Blue (65%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (53%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4411, 26.1641, 39.8384 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 24.4411, 26.1641, 39.8384 by changing the saturation by 10% instead.

■ 24.4411, 26.1641,
39.8384

■ 24.4411, 26.1641,
39.8384

267.4423,
283.5867, 360.9738

■ 15.7877, 16.9464,
27.0997

■ 50.1985, 53.5396,
76.1518

■ 9.4639, 10.1963,
17.4150

■ 68.0332, 72.4662,
100.5636

■ 5.1045, 5.5293,
10.3658

■ 89.6590, 95.3979,
129.7035

■ 2.3441, 2.5611,
5.5334

115.4413,
122.7191, 163.9900

■ 0.8171, 0.9071,
2.4993

145.7454,
154.8141, 203.8418

■ 0.0000, 0.0000,
0.8398

180.9367,

■ 0.0000, 0.0000,

192.0675, 249.6774

0.0000

221.3805,
234.8636, 301.9152

■ 24.4411, 26.1641,
39.8384

■ 24.4411, 26.1641,
39.8384

■ 21.0468, 22.5365,
39.3175

■ 28.3420, 30.2094,
40.4141

■ 18.1337, 19.3081,
38.8479

■ 32.7684, 34.6839,
41.0444

■ 15.6779, 16.4634,
38.4283

■ 37.7412, 39.6021,
41.7316

■ 13.6520, 13.9845,
38.0566

■ 43.2794, 44.9772,
42.4773

■ 12.0256, 11.8517,
37.7306

■ 49.4010, 50.8217,
43.2827

■ 10.7637, 10.0427,
37.4480

■ 56.1232, 57.1474,
44.1494

■ 9.8141, 8.5262,
37.2053

■ 63.4625, 63.9659,
45.0787

■ 9.5700, 8.1271,
37.1411

■ 71.4347, 71.2882,
46.0718

■ 74.1593, 76.0857,
46.8542

Harmonies

Analogous

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



22.7921, 26.1641, 37.4262



24.4411, 26.1641, 39.8384



26.2870, 26.1641, 38.9213

Triad

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



24.4411, 26.1641, 39.8384



28.2850, 26.1641, 24.6831



22.1334, 26.1641, 22.7967

Complementary

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



24.4411, 26.1641, 39.8384



29.3029, 29.7386, 22.2856

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.



23.5014, 26.1641, 20.1091



24.4411, 26.1641, 39.8384



27.0666, 26.1641, 21.1003

Square

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



24.4411, 26.1641, 39.8384



28.5671, 26.1641, 29.7363



25.3002, 26.1641, 19.5289



21.5032, 26.1641, 27.2757

Rectangle

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



24.4411, 26.1641, 39.8384



27.3755, 26.1641, 36.5941



25.3002, 26.1641, 19.5289



22.5188, 26.1641, 21.6776

Sweetspot

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



24.4419, 26.1651, 39.8390



58.5888, 62.0645, 74.3670



26.5752, 33.3592, 31.5248



12.8371, 13.6140, 16.6033



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.4419, 26.1651, 39.8390



40.2490, 43.1183, 71.6766



21.7117, 20.5480, 38.8987



7.4096, 7.8561, 9.5442



7.4670, 6.3941, 28.8161



0.2332, 0.2586, 0.7183

Inverse Universe

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



27.4464, 23.7355, 28.7271



46.7971, 38.2710, 47.3586



32.6570, 36.6796, 23.4486



7.6713, 7.5984, 8.5865



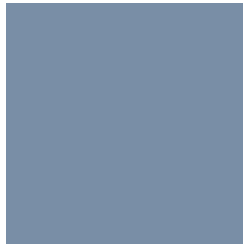
13.2696, 6.7165, 6.2311



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 24.4411, 26.1641, 39.8384 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 24.4411, 26.1641, 39.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

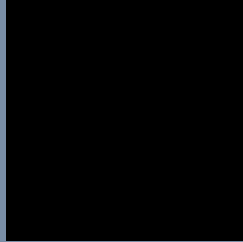
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4411, 26.1641, 39.8384

Background



This preview shows how black text looks on a background with the XYZ color 24.4411, 26.1641, 39.8384.



This preview shows how white text looks on a background with the XYZ color 24.4411, 26.1641,

39.8384.

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

24.4411, 26.1641, 39.8384

Protanopia

25.7810, 26.0082, 38.7832

Deuteranopia

26.5944, 25.9738, 40.1710



Tritanopia

23.4974, 26.2350, 34.8358

Trichromacy



Original Color

24.4411, 26.1641, 39.8384

Protanomaly

25.2301, 25.9277, 39.2721

Deuteranomaly

25.7364, 25.9535, 40.2123

Tritanomaly

23.8262, 26.1412, 36.5909

Monochromacy



Original Color

24.4411, 26.1641, 39.8384

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0936, 25.5089, 31.6708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4411, 26.1641, 39.8384 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(121, 142, 166)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 166)  
}
```

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(121, 142, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.4411, 26.1641, 39.8384 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(121, 142, 166) }
```


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

```
.border{ border-color:rgb(121, 142, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 142, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 142, 166);  
box-shadow:4px 4px 4px 4px rgb(121, 142,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4411, 26.1641, 39.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 166) }
```

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

```
.background{ background-color: rgb(121,  
142, 166) }
```

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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