

Converting Colors

XYZ(26.2125, 24.4114, 46.5103)

Have a look what the booklet for
XYZ(26.2125, 24.4114, 46.5103)
contains.

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Color

**XYZ(26.2125, 24.4114,
46.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	8782B4
RGB	135, 130, 180
RGB Percent	53%, 51%, 71%
CMY	0.4706, 0.4902, 0.2941
CMYK	0.25, 0.28, 0.00, 0.29
HSL	246°, 25%, 61%
HSV	246°, 28%, 71%
XYZ	26.2125, 24.4114, 46.5103
YIQ	137.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

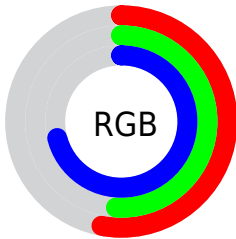
Format	Color
R_{YB}	135, 130, 180
Decimal	8880820
CIE _{Lab}	56.50, 12.97, -25.63
CIE _{LCh}	56, 28.722, 296.840
Yxy	24.4114, 0.2699, 0.2513
Android (android.graphics.Color)	4287070900 (0xFF8782B4)
YUV	137.1950, 21.1029, -1.9250
Hunter-Lab	49.4079, 8.2363, -21.2273

Details

The XYZ color **26.2125, 24.4114, 46.5103** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.0303, 43.3687, 27.4866**, and the grayscale version is **23.7784, 25.0168, 27.2432**.

A 20% lighter version of the original color is **53.0601, 50.7419, 86.3545**, and **10.4294, 9.3020, 21.3244** is the 20% darker color. If you saturate the color by 10%, you get **21.6134, 18.7922, 45.6685**, and if you desaturate by 10%, it is **31.6287, 31.0747, 47.5114**.

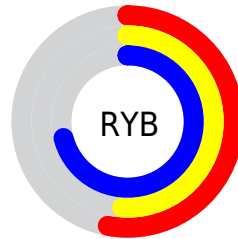
Distribution



Red (53%)

Green (51%)

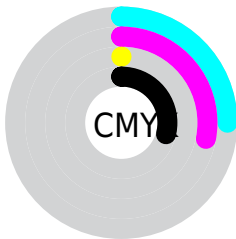
Blue (71%)



Red (53%)

Yellow (51%)

Blue (71%)

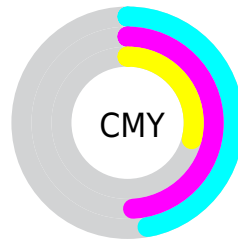


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2125, 24.4114, 46.5103 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 26.2125, 24.4114, 46.5103 by changing the saturation by 10% instead.

■ 26.2125, 24.4114,
46.5103

■ 26.2125, 24.4114,
46.5103

276.0613,
274.8938, 389.1935

■ 17.1162, 15.6391,
32.2971

■ 53.0464, 50.7007,
86.3245

■ 10.4132, 9.2691,
21.3219

■ 71.5148, 68.9865,
112.7626

■ 5.7381, 4.9171,
13.1659

■ 93.8378, 91.2122,
144.1128

■ 2.7256, 2.1987,
7.4108

120.3809,
117.7623, 180.7936

■ 1.0104, 0.7193,
3.6380

151.5095,
149.0211, 223.2235

■ 0.0000, 0.0000,
1.4289

187.5888,

■ 0.0000, 0.0000,

185.3730, 271.8211

0.1641

228.9843,
227.2025, 327.0049

■ 0.0000, 0.0000,
0.0000

■ 26.2125, 24.4114,
46.5103

■ 26.2125, 24.4114,
46.5103

■ 21.6134, 18.7922,
45.6685

■ 31.6287, 31.0747,
47.5114

■ 17.7892, 14.1613,
44.9762

■ 37.8966, 38.8282,
48.6776

■ 14.6978, 10.4621,
44.4251

■ 45.0515, 47.7188,
50.0166

■ 12.2918, 7.6313,
44.0055

■ 53.1263, 57.7900,
51.5349

■ 10.5186, 5.5974,
43.7064

■ 62.1521, 69.0827,
53.2389

■ 9.3173, 4.2775,
43.5150

■ 72.1584, 81.6360,
55.1346

■ 8.6039, 3.5483,
43.4118

■ 82.8528, 94.8456,
57.1206

■ 8.4877, 3.4239,
43.3939

■ 85.2383, 96.0753,
57.2322

Harmonies

Analogous

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



22.8514, 24.4114, 49.3938



26.2125, 24.4114, 46.5103



28.9810, 24.4114, 37.9147

Triad

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



26.2125, 24.4114, 46.5103



26.8807, 24.4114, 14.0022



17.3825, 24.4114, 25.5825

Complementary

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



26.2125, 24.4114, 46.5103



38.0303, 43.3687, 27.4866

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.



18.2479, 24.4114, 17.7644



26.2125, 24.4114, 46.5103



23.5568, 24.4114, 12.1612

Square

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



26.2125, 24.4114, 46.5103



29.3920, 24.4114, 19.1356



20.4319, 24.4114, 13.3537



17.9490, 24.4114, 35.7408

Rectangle

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



26.2125, 24.4114, 46.5103



30.0064, 24.4114, 30.9736



20.4319, 24.4114, 13.3537



17.5134, 24.4114, 22.6226

Sweetspot

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



26.2133, 24.4124, 46.5109



68.2769, 69.8613, 88.1806



32.9375, 39.0270, 48.9774



14.3709, 14.6210, 18.9870



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.



26.2133, 24.4124, 46.5109



42.5266, 38.1418, 83.4153



30.5527, 26.6494, 46.7139



8.1182, 8.2695, 10.6746



5.9517, 2.4040, 30.2873



0.2128, 0.0888, 0.9542

Inverse Universe

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



34.5435, 28.7645, 44.2895



60.0624, 47.3080, 78.5365



33.0828, 40.8181, 27.2551



8.8127, 8.6318, 10.5120



17.7027, 8.5986, 24.6580



0.5675, 0.2747, 0.8311

Previews

White Background



This preview shows how the XYZ color 26.2125, 24.4114, 46.5103 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 26.2125, 24.4114, 46.5103 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 26.2125, 24.4114, 46.5103

Background



This preview shows how black text looks on a background with the XYZ color 26.2125, 24.4114, 46.5103.



This preview shows how white text looks on a background with the XYZ color 26.2125, 24.4114,

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

26.2125, 24.4114, 46.5103

Protanopia

24.9575, 24.5340, 48.2199

Deuteranopia

24.9817, 24.3897, 46.0388



Tritanopia

23.1239, 24.3820, 31.0912

Trichromacy



Original Color

26.2125, 24.4114, 46.5103

Protanomaly

25.4352, 24.5881, 47.6614

Deuteranomaly

25.4412, 24.4243, 46.0213

Tritanomaly

24.1432, 24.3787, 36.2340

Monochromacy



Original Color

26.2125, 24.4114, 46.5103

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4282, 24.5843, 33.5947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2125, 24.4114, 46.5103 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(135, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 130, 180)  
}
```

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(135, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 130, 180) }
```

Border

The CSS property to change the border of an element to XYZ 26.2125, 24.4114, 46.5103 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(135, 130, 180) }
```


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

```
.border{ border-color:rgb(135, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 130,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2125, 24.4114, 46.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 130, 180) }
```

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

```
.background{ background-color: rgb(135,  
130, 180) }
```

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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