

Converting Colors

XYZ(26.1868, 25.5159, 44.1029)

Have a look what the booklet for
XYZ(26.1868, 25.5159, 44.1029)
contains.

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Color

**XYZ(26.2334, 25.4914,
44.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	8687AF
RGB	134, 135, 175
RGB Percent	53%, 53%, 69%
CMY	0.4745, 0.4706, 0.3137
CMYK	0.23, 0.23, 0.00, 0.31
HSL	239°, 20%, 61%
HSV	239°, 23%, 69%
XYZ	26.2334, 25.4914, 44.0951
YIQ	139.2610, -13.4360, 12.2280

Conversions

Conversions Part 2

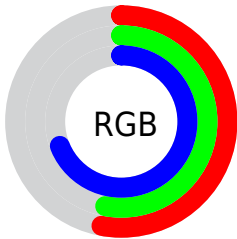
Format	Color
RYB	134, 135, 175
Decimal	8816559
CIELab	57.55, 8.51, -21.16
CIELCh	58, 22.806, 291.917
Yxy	25.4914, 0.2738, 0.2660
Android (android.graphics.Color)	4287006639 (0xFF8687AF)
YUV	139.2610, 17.6193, -4.6139
Hunter-Lab	50.4890, 4.3904, -16.4392

Details

The XYZ color **26.2334, 25.4914, 44.0951** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **37.1188, 41.1077, 28.5334**, and the grayscale version is **24.5797, 25.8598, 28.1613**.

A 20% lighter version of the original color is **53.1461, 52.4273, 82.9197**, and **10.3286, 9.7411, 19.7482** is the 20% darker color. If you saturate the color by 10%, you get **21.4775, 19.7830, 43.2444**, and if you desaturate by 10%, it is **31.8345, 32.2038, 45.0959**.

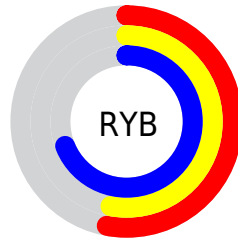
Distribution



Red (53%)

Green (53%)

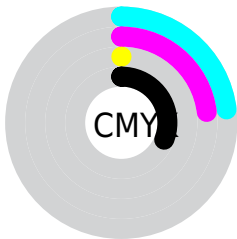
Blue (69%)



Red (53%)

Yellow (53%)

Blue (69%)

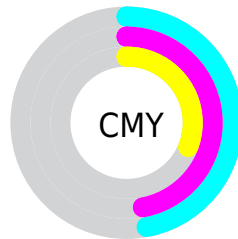


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2334, 25.4914, 44.0951 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 26.2334, 25.4914, 44.0951 by changing the saturation by 10% instead.

■ 26.2334, 25.4914,
44.0951

■ 26.2334, 25.4914,
44.0951

276.1617,
280.2764, 379.1489

■ 17.1319, 16.4435,
30.4075

■ 53.0799, 52.4533,
82.6648

■ 10.4245, 9.8386,
19.8935

■ 71.5556, 71.1361,
108.3841

■ 5.7457, 5.2920,
12.1343

■ 93.8867, 93.7994,
138.9510

■ 2.7303, 2.4196,
6.7116

120.4387,
120.8275, 174.7840

■ 1.0128, 0.8360,
3.2067

151.5768,
152.6049, 216.3018

■ 0.0000, 0.0000,
1.2011

187.6664,

■ 0.0000, 0.0000,

189.5159, 263.9229

0.0000

229.0729,
231.9449, 318.0657

■ 26.2334, 25.4914,
44.0951

■ 26.2334, 25.4914,
44.0951

■ 21.4775, 19.7830,
43.2444

■ 31.8345, 32.2038,
45.0959

■ 17.5235, 15.0275,
42.5348

■ 38.3164, 39.9619,
46.2518

■ 14.3280, 11.1738,
41.9594

■ 45.7158, 48.8089,
47.5694

■ 11.8424, 8.1652,
41.5097

■ 54.0663, 58.7845,
49.0548

■ 10.0125, 5.9380,
41.1763

■ 63.4002, 69.9265,
50.7135

■ 8.7765, 4.4201,
40.9484

■ 73.7478, 82.2709,
52.5508

■ 8.0605, 3.5255,
40.8135

■ 84.5834, 95.5661,
54.5459

■ 7.7843, 3.1878,
40.7629

■ 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.



23.5010, 25.4914, 45.3784



26.2334, 25.4914, 44.0951



28.5819, 25.4914, 38.0548

Triad

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



26.2334, 25.4914, 44.0951



27.5991, 25.4914, 17.5586



19.4119, 25.4914, 25.7030

Complementary

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



26.2334, 25.4914, 44.0951



37.1188, 41.1077, 28.5334

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.



20.3418, 25.4914, 19.5060



26.2334, 25.4914, 44.0951



24.9715, 25.4914, 15.4129

Square

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



26.2334, 25.4914, 44.0951



29.4106, 25.4914, 22.5331



22.3290, 25.4914, 16.0522



19.6945, 25.4914, 33.7290

Rectangle

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



26.2334, 25.4914, 44.0951



29.5470, 25.4914, 32.6682



22.3290, 25.4914, 16.0522



19.5904, 25.4914, 23.3623

Sweetspot

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



26.2342, 25.4924, 44.0957



64.1469, 66.2145, 82.0366



32.7664, 38.7705, 45.6142



14.1058, 14.5356, 18.2065



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.



26.2342, 25.4924, 44.0957



42.4922, 40.2663, 78.1695



29.4258, 26.9315, 44.2052



7.5940, 7.7874, 10.0556



5.5812, 2.2962, 29.1936



0.1602, 0.0738, 0.8138

Inverse Universe

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



30.5782, 27.9143, 26.6990



51.6192, 45.3758, 41.6132



33.3182, 39.4363, 28.4111



8.0129, 8.0184, 8.3786



12.6808, 6.5348, 0.6984



0.3553, 0.1828, 0.0326

Previews

White Background



This preview shows how the XYZ color 26.2334, 25.4914, 44.0951 looks on a white background.

Color Contrast Check

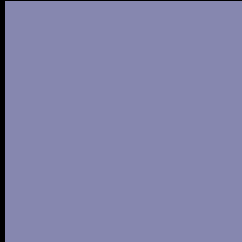
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2334, 25.4914, 44.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

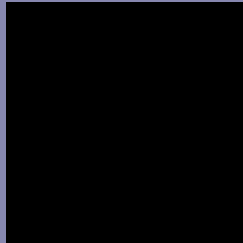
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2334, 25.4914, 44.0951

Background



This preview shows how black text looks on a background with the XYZ color 26.2334, 25.4914, 44.0951.



This preview shows how white text looks on a background with the XYZ color 26.2334, 25.4914,

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

26.2334, 25.4914, 44.0951

Protanopia

25.6842, 25.6151, 44.6648

Deuteranopia

26.0577, 25.6090, 44.1271



Tritanopia

23.8718, 25.3667, 32.9162

Trichromacy



Original Color

26.2334, 25.4914, 44.0951

Protanomaly

25.8466, 25.4887, 44.6319

Deuteranomaly

26.2149, 25.6900, 44.1344

Tritanomaly

24.7937, 25.5403, 36.8807

Monochromacy



Original Color

26.2334, 25.4914, 44.0951

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.0725, 25.7623, 33.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2334, 25.4914, 44.0951 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(134, 135, 175)` looks like.

```
.text, #text, p{  
    color:rgb(134, 135, 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(134, 135, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 135, 175) }
```

Border

The CSS property to change the border of an element to XYZ 26.2334, 25.4914, 44.0951 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(134, 135, 175) }
```


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

```
.border{ border-color:rgb(134, 135, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 135, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 135, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 135, 175);  
box-shadow:4px 4px 4px 4px rgb(134, 135,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2334, 25.4914, 44.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 135, 175) }
```

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

```
.background{ background-color: rgb(134,  
135, 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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