

Converting Colors

XYZ(23.5351, 26.7272, 27.3367)

Have a look what the booklet for
XYZ(23.5351, 26.7272, 27.3367)
contains.

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Color

**XYZ(23.4714, 26.6176,
27.1932)**

Conversions

Conversions Part 1

Format	Color
Hex	809188
RGB	128, 145, 136
RGB Percent	50%, 57%, 53%
CMY	0.4980, 0.4314, 0.4667
CMYK	0.12, 0.00, 0.06, 0.43
HSL	148°, 7%, 54%
HSV	148°, 12%, 57%
XYZ	23.4714, 26.6176, 27.1932
YIQ	138.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

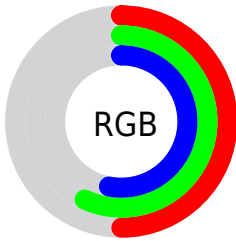
Format	Color
R_{YB}	128, 140, 145
Decimal	8425864
CIE _{Lab}	58.62, -7.94, 2.70
CIE _{LCh}	59, 8.388, 161.198
Yxy	26.6176, 0.3037, 0.3444
Android (android.graphics.Color)	4286615944 (0xFF809188)
YUV	138.8910, -1.4253, -9.5514
Hunter-Lab	51.5922, -9.0796, 4.8640

Details

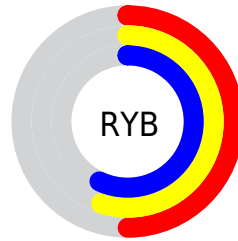
The XYZ color **23.4714, 26.6176, 27.1932** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9125, 23.2648, 26.8983**, and the grayscale version is **24.5066, 25.7828, 28.0775**.

A 20% lighter version of the original color is **48.6648, 54.3447, 56.0688**, and **8.9964, 10.5186, 10.3602** is the 20% darker color. If you saturate the color by 10%, you get **20.9182, 25.3629, 24.3270**, and if you desaturate by 10%, it is **26.3769, 28.0509, 30.2811**.

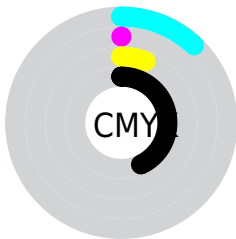
Distribution



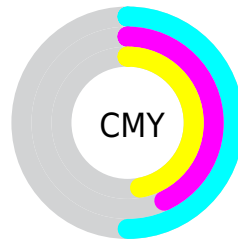
- Red (50%)
- Green (57%)
- Blue (53%)



- Red (50%)
- Yellow (55%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (50%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4714, 26.6176, 27.1932 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 23.4714, 26.6176, 27.1932 by changing the saturation by 10% instead.

■ 23.4714, 26.6176,
27.1932

■ 23.4714, 26.6176,
27.1932

262.6274,
285.8008, 302.3811

■ 15.0646, 17.2862,
17.4847

■ 48.6272, 54.2696,
56.2012

■ 8.9513, 10.4388,
10.4150

■ 66.1069, 73.3591,
76.3378

■ 4.7663, 5.6908,
5.5658

■ 87.3416, 96.4700,
100.7875

■ 2.1441, 2.6580,
2.5184

112.6966,
123.9868, 129.9688

■ 0.7130, 0.9559,
0.8499

142.5373,
156.2939, 164.3002

■ 0.0000, 0.0000,
0.0000

177.2292,

193.7757, 204.2004

217.1374,
236.8165, 250.0878

■ 23.4714, 26.6176,
27.1932

■ 23.4714, 26.6176,
27.1932

■ 20.9182, 25.3629,
24.3270

■ 26.3769, 28.0509,
30.2811

■ 18.7011, 24.2763,
21.6758

■ 29.6457, 29.6661,
33.5936

■ 16.8059, 23.3514,
19.2351

■ 33.2909, 31.4706,
37.1359

■ 15.2165, 22.5799,
16.9996

■ 37.3245, 33.4706,
40.9125

■ 13.9154, 21.9528,
14.9639

■ 41.7577, 35.6717,
44.9276

■ 12.8831, 21.4604,
13.1220

■ 46.6014, 38.0795,
49.1855

■ 12.0976, 21.0913,
11.4679

■ 51.8660, 40.6993,
53.6902

■ 11.5333, 20.8323,
9.9950

■ 57.5617, 43.5361,
58.4458

■ 11.1763, 20.6720,
8.9066

■ 62.3972, 45.9244,
63.3952

Harmonies

Analogous

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



24.0178, 26.6176, 24.9226



23.4714, 26.6176, 27.1932



23.4068, 26.6176, 30.0969

Triad

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



23.4714, 26.6176, 27.1932



25.6856, 26.6176, 34.9060



26.8180, 26.6176, 25.4063

Complementary

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



23.4714, 26.6176, 27.1932



23.9125, 23.2648, 26.8983

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.



27.2910, 26.6176, 27.8950



23.4714, 26.6176, 27.1932



26.6255, 26.6176, 33.4600

Square

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



23.4714, 26.6176, 27.1932



24.6667, 26.6176, 34.6862



27.2196, 26.6176, 30.8477



25.9425, 26.6176, 23.9403

Rectangle

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



23.4714, 26.6176, 27.1932



23.6436, 26.6176, 32.0187



27.2196, 26.6176, 30.8477



27.0304, 26.6176, 26.1437

Sweetspot

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



23.4721, 26.6187, 27.1938



45.9505, 49.5987, 52.8867



24.3501, 27.1346, 24.3764



10.1400, 10.9932, 11.6788



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.4721, 26.6187, 27.1938



40.8004, 47.0611, 47.3429



24.0956, 26.8681, 30.4770



5.4419, 6.0690, 6.2928



9.5988, 17.7354, 7.7073



0.1028, 0.1740, 0.1315

Inverse Universe

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



23.9125, 23.2648, 26.8983



41.7451, 39.8659, 46.7089



23.3307, 23.0321, 23.8344



5.5207, 5.4688, 6.2399



11.1711, 5.6255, 6.5525



0.1179, 0.0582, 0.1213

Previews

White Background



This preview shows how the XYZ color 23.4714, 26.6176, 27.1932 looks on a white background.

Color Contrast Check

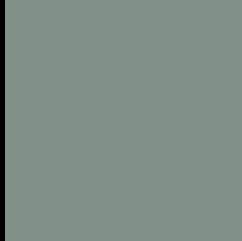
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4714, 26.6176, 27.1932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

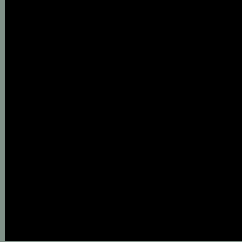
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4714, 26.6176, 27.1932

Background



This preview shows how black text looks on a background with the XYZ color 23.4714, 26.6176, 27.1932.



This preview shows how white text looks on a background with the XYZ color 23.4714, 26.6176,

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

23.4714, 26.6176, 27.1932

Protanopia

25.2888, 26.4694, 25.9665

Deuteranopia

26.9092, 26.4119, 27.7245



Tritanopia

24.8658, 26.5044, 34.3771

Trichromacy



Original Color

23.4714, 26.6176, 27.1932

Protanomaly

24.6235, 26.5562, 26.3823

Deuteranomaly

25.4250, 26.2911, 27.4016

Tritanomaly

24.2948, 26.4973, 31.4378

Monochromacy



Original Color

23.4714, 26.6176, 27.1932

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1040, 26.0356, 27.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4714, 26.6176, 27.1932 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(128, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(128, 145, 136)  
}
```

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(128, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 145, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.4714, 26.6176, 27.1932 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(128, 145, 136) }
```


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

```
.border{ border-color:rgb(128, 145, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(128, 145,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4714, 26.6176, 27.1932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 145, 136) }
```

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

```
.background{ background-color: rgb(128,  
145, 136) }
```

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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