

Converting Colors

XYZ(22.9857, 29.6800, 26.0056)

Have a look what the booklet for
XYZ(22.9857, 29.6800, 26.0056)
contains.

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Color

**XYZ(23.0504, 29.8145,
26.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9F83
RGB	111, 159, 131
RGB Percent	44%, 62%, 51%
CMY	0.5647, 0.3765, 0.4863
CMYK	0.30, 0.00, 0.18, 0.38
HSL	145°, 20%, 53%
HSV	145°, 30%, 62%
XYZ	23.0504, 29.8145, 26.0126
YIQ	141.4560, -19.6200, -18.8840

Conversions

Conversions Part 2

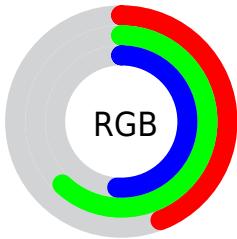
Format	Color
R_{YB}	111, 145, 159
Decimal	7315331
CIE _{Lab}	61.49, -22.22, 9.51
CIE _{LCh}	61, 24.170, 156.829
Yxy	29.8145, 0.2922, 0.3780
Android (android.graphics.Color)	4285505411 (0xFF6F9F83)
YUV	141.4560, -5.1548, -26.7099
Hunter-Lab	54.6027, -20.2012, 9.9762

Details

The XYZ color **23.0504, 29.8145, 26.0126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.6437, 20.6045, 27.1055**, and the grayscale version is **25.5223, 26.8515, 29.2413**.

A 20% lighter version of the original color is **48.0081, 59.4463, 54.2914**, and **8.7052, 12.1167, 9.8626** is the 20% darker color. If you saturate the color by 10%, you get **20.6244, 28.6341, 22.7633**, and if you desaturate by 10%, it is **25.8905, 31.2035, 29.5764**.

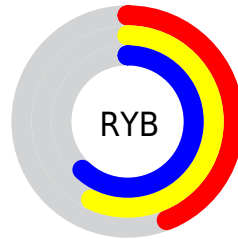
Distribution



Red (44%)

Green (62%)

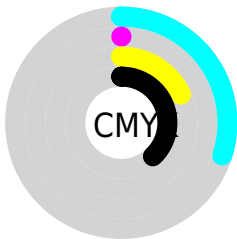
Blue (51%)



Red (44%)

Yellow (57%)

Blue (62%)

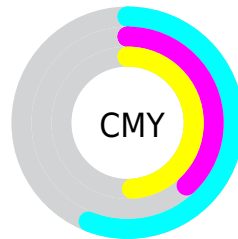


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0504, 29.8145, 26.0126 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 23.0504, 29.8145, 26.0126 by changing the saturation by 10% instead.

■ 23.0504, 29.8145,
26.0126

■ 23.0504, 29.8145,
26.0126

260.5143,
301.0388, 296.4514

■ 14.7516, 19.6978,
16.6072

■ 47.9421, 59.3687,
54.2796

■ 8.7304, 12.1756,
9.7959

■ 65.2658, 79.5750,
73.9783

■ 4.6215, 6.8634,
5.1600

■ 86.3284, 103.9133,
97.9452

■ 2.0594, 3.3768,
2.2811

■ 111.4955,
132.7681, 126.5988

■ 0.6670, 1.3315,
0.7206

141.1322,
166.5236, 160.3577

■ 0.0000, 0.1654,
0.0000

175.6040,

■ 0.0000, 0.0000,

205.5643, 199.6404

0.0000

215.2762,
250.2746, 244.8654

■ 23.0504, 29.8145,
26.0126

■ 23.0504, 29.8145,
26.0126

■ 20.6244, 28.6341,
22.7633

■ 25.8905, 31.2035,
29.5764

■ 18.5896, 27.6482,
19.8179

■ 29.1611, 32.8070,
33.4609

■ 16.9248, 26.8469,
17.1680


■ 32.8808, 34.6352,
37.6747


■ 15.6054, 26.2177,
14.8041


■ 37.0663, 36.6964,
42.2256

■ 14.6037, 25.7465,
12.7161


■ 41.7333, 38.9989,
47.1210


 13.8876, 25.4169,
10.8933

 46.8970, 41.5501,
52.3679

 13.3894, 25.1937,
9.3500

 52.5717, 44.3573,
57.9734

 58.7712, 47.4275,
63.9441

 65.5089, 50.7675,
70.2868

Harmonies

Analogous

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



24.8081, 29.8145, 20.3048



23.0504, 29.8145, 26.0126



22.6583, 29.8145, 34.6031

Triad

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



23.0504, 29.8145, 26.0126



29.0755, 29.8145, 53.2852



33.5523, 29.8145, 23.0063

Complementary

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



23.0504, 29.8145, 26.0126



24.6437, 20.6045, 27.1055

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.



34.8949, 29.8145, 30.4129



23.0504, 29.8145, 26.0126



32.1874, 29.8145, 48.7047

Square

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



23.0504, 29.8145, 26.0126



25.9856, 29.8145, 51.5019



34.3776, 29.8145, 39.9001



30.8278, 29.8145, 18.8109

Rectangle

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



23.0504, 29.8145, 26.0126



23.1953, 29.8145, 41.0809



34.3776, 29.8145, 39.9001



34.1892, 29.8145, 25.1432

Sweetspot

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



23.0512, 29.8157, 26.0133



52.8636, 59.0664, 60.6639



26.0500, 31.5035, 19.7470



11.7222, 13.2203, 13.4499



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.0512, 29.8157, 26.0133



38.3761, 51.9795, 42.7422



24.8041, 30.5169, 35.2437



6.6596, 7.4446, 7.6423



10.5949, 19.9059, 7.4895



0.2100, 0.3642, 0.2423

Inverse Universe

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



24.6437, 20.6045, 27.1055



41.6777, 32.8729, 44.9993



23.1241, 19.9967, 19.1034



6.7871, 6.7078, 7.7302



12.8661, 6.4510, 8.8120



0.2508, 0.1237, 0.2669

Previews

White Background



This preview shows how the XYZ color 23.0504, 29.8145, 26.0126 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 23.0504, 29.8145, 26.0126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

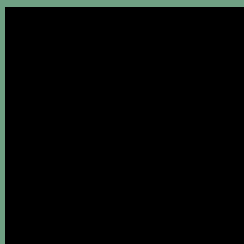
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0504, 29.8145, 26.0126

Background



This preview shows how black text looks on a background with the XYZ color 23.0504, 29.8145, 26.0126.



This preview shows how white text looks on a background with the XYZ color 23.0504, 29.8145,

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

23.0504, 29.8145, 26.0126

Protanopia

28.0019, 29.7284, 23.6643

Deuteranopia

30.0619, 29.5816, 26.6797



Tritanopia

25.9097, 29.7159, 40.4466

Trichromacy



Original Color

23.0504, 29.8145, 26.0126

Protanomaly

25.8742, 29.5642, 24.4214

Deuteranomaly

27.0137, 29.3914, 26.4396

Tritanomaly

24.7085, 29.7217, 34.5716

Monochromacy



Original Color

23.0504, 29.8145, 26.0126

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3112, 27.7318, 27.7383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0504, 29.8145, 26.0126 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(111, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(111, 159, 131)  
}
```

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(111, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 159, 131) }
```

Border

The CSS property to change the border of an element to XYZ 23.0504, 29.8145, 26.0126 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(111, 159, 131) }
```


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

```
.border{ border-color:rgb(111, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(111, 159,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0504, 29.8145, 26.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 159, 131) }
```

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

```
.background{ background-color: rgb(111,  
159, 131) }
```

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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