

Converting Colors

XYZ(23.4515, 30.3773, 29.2184)

Have a look what the booklet for
XYZ(23.4515, 30.3773, 29.2184)
contains.

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Color

**XYZ(23.4685, 30.4796,
29.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA18B
RGB	107, 161, 139
RGB Percent	42%, 63%, 55%
CMY	0.5804, 0.3686, 0.4549
CMYK	0.34, 0.00, 0.14, 0.37
HSL	156°, 22%, 53%
HSV	156°, 34%, 63%
XYZ	23.4685, 30.4796, 29.0723
YIQ	142.3460, -25.1220, -18.2900

Conversions

Conversions Part 2

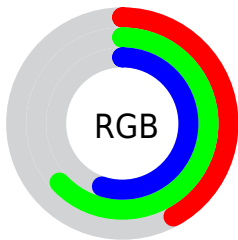
Format	Color
RYB	107, 141, 161
Decimal	7053707
CIELab	62.07, -22.81, 5.81
CIElCh	62, 23.540, 165.711
Yxy	30.4796, 0.2827, 0.3671
Android (android.graphics.Color)	4285243787 (0xFF6BA18B)
YUV	142.3460, -1.6496, -30.9984
Hunter-Lab	55.2083, -20.7361, 7.4242

Details

The XYZ color **23.4685, 30.4796, 29.0723** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9192, 19.6783, 23.3079**, and the grayscale version is **25.8624, 27.2092, 29.6308**.

A 20% lighter version of the original color is **48.5675, 60.3911, 58.9660**, and **8.9592, 12.5284, 11.3972** is the 20% darker color. If you saturate the color by 10%, you get **21.2452, 29.3880, 26.5412**, and if you desaturate by 10%, it is **26.0827, 31.7710, 31.7732**.

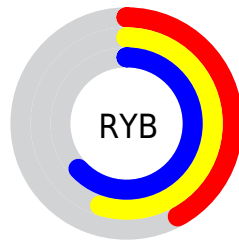
Distribution



Red (42%)

Green (63%)

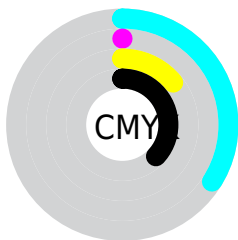
Blue (55%)



Red (42%)

Yellow (55%)

Blue (63%)

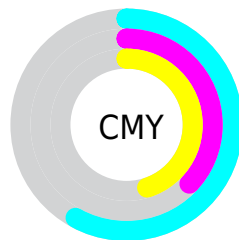


Cyan (34%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4685, 30.4796, 29.0723 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 23.4685, 30.4796, 29.0723 by changing the saturation by 10% instead.

■ 23.4685, 30.4796,
29.0723

■ 23.4685, 30.4796,
29.0723

262.6129,
304.1336, 311.6275

■ 15.0624, 20.2029,
18.8895

■ 48.6225, 60.4198,
59.2355

■ 8.9498, 12.5426,
11.4144

■ 66.1011, 80.8521,
80.0529

■ 4.7653, 7.1144,
6.2287

■ 87.3346, 105.4384,
105.2523

■ 2.1436, 3.5337,
2.9136

■ 112.6883,
134.5631, 135.2522

■ 0.7127, 1.4163,
1.0507

142.5277,
168.6106, 170.4712

■ 0.0000, 0.2287,
0.0000

177.2180,

■ 0.0000, 0.0000,

207.9652, 211.3277

0.0000

217.1246,
253.0114, 258.2403

■ 23.4685, 30.4796,
29.0723

■ 23.4685, 30.4796,
29.0723

■ 21.2452, 29.3880,
26.5412

■ 26.0827, 31.7710,
31.7732

■ 19.3898, 28.4820,
24.1742

■ 29.1041, 33.2682,
34.6451

■ 17.8805, 27.7512,
21.9684

■ 32.5515, 34.9815,
37.6922

■ 16.6923, 27.1827,
19.9196

■ 36.4414, 36.9195,
40.9177

■ 15.7963, 26.7619,
18.0239

■ 40.7896, 39.0901,
44.3245

■ 15.1586, 26.4711,
16.2765

■ 45.6109, 41.5011,
47.9158

■ 14.8294, 26.3244,
15.2228

■ 50.9196, 44.1597,
51.6945

■ 56.7295, 47.0730,
55.6635

■ 63.0534, 50.2475,
59.8254

Harmonies

Analogous

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



24.8321, 30.4796, 22.4528



23.4685, 30.4796, 29.0723



23.5025, 30.4796, 38.1290

Triad

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



23.4685, 30.4796, 29.0723



30.6477, 30.4796, 52.9294



33.4262, 30.4796, 22.2181

Complementary

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



23.4685, 30.4796, 29.0723



23.9192, 19.6783, 23.3079

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.



35.2257, 30.4796, 28.6918



23.4685, 30.4796, 29.0723



33.5437, 30.4796, 46.8912

Square

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



23.4685, 30.4796, 29.0723



27.4951, 30.4796, 53.0823



35.2702, 30.4796, 37.6729



30.4966, 30.4796, 19.0115

Rectangle

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



23.4685, 30.4796, 29.0723



24.3083, 30.4796, 44.4236



35.2702, 30.4796, 37.6729



34.1924, 30.4796, 24.0257

Sweetspot

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



23.4693, 30.4808, 29.0730



54.1042, 60.5629, 63.8382



24.5291, 31.2590, 18.6513



11.6930, 13.1965, 13.8454



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.



23.4693, 30.4808, 29.0730



39.0898, 53.1407, 48.7658



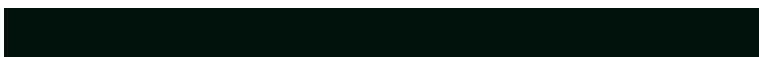
24.4700, 29.6453, 38.1520



7.1534, 7.9622, 8.4194



11.8639, 21.0319, 12.2657



0.2719, 0.4510, 0.3766

Inverse Universe

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



23.9192, 19.6783, 23.3079



40.0196, 30.8758, 36.8965



23.0919, 20.1177, 16.5765



7.1878, 7.1316, 7.9754



12.5340, 6.3696, 4.7366



0.2865, 0.1431, 0.2214

Previews

White Background



This preview shows how the XYZ color 23.4685, 30.4796, 29.0723 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.4685, 30.4796, 29.0723 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 ✓ Pass

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

XYZ 23.4685, 30.4796, 29.0723

Background



This preview shows how black text looks on a background with the XYZ color 23.4685, 30.4796, 29.0723.



This preview shows how white text looks on a background with the XYZ color 23.4685, 30.4796,

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

23.4685, 30.4796, 29.0723

Protanopia

28.6914, 30.2563, 26.5181

Deuteranopia

30.5816, 30.0065, 29.7712



Tritanopia

26.1578, 30.5559, 42.0553

Trichromacy



Original Color

23.4685, 30.4796, 29.0723

Protanomaly

26.2456, 29.9350, 27.3164

Deuteranomaly

27.3911, 29.7555, 29.4990

Tritanomaly

24.9540, 30.3018, 36.8814

Monochromacy



Original Color

23.4685, 30.4796, 29.0723

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6084, 28.0851, 29.3233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4685, 30.4796, 29.0723 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(107, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 161, 139)  
}
```

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(107, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 161, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.4685, 30.4796, 29.0723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

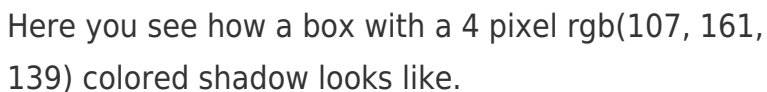
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 161, 139) }
```


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

```
.border{ border-color:rgb(107, 161, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 161, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 161, 139); box-shadow:4px 4px 4px 4px rgb(107, 161, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4685, 30.4796, 29.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 161, 139) }
```

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

```
.background{ background-color: rgb(107,  
161, 139) }
```

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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