

Converting Colors

XYZ(24.0089, 31.1339, 29.6798)

Have a look what the booklet for
XYZ(24.0089, 31.1339, 29.6798)
contains.

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Color

**XYZ(23.9606, 30.9853,
29.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA28C
RGB	109, 162, 140
RGB Percent	43%, 64%, 55%
CMY	0.5725, 0.3647, 0.4510
CMYK	0.33, 0.00, 0.14, 0.36
HSL	155°, 22%, 53%
HSV	155°, 33%, 64%
XYZ	23.9606, 30.9853, 29.5288
YIQ	143.6450, -24.5260, -18.0780

Conversions

Conversions Part 2

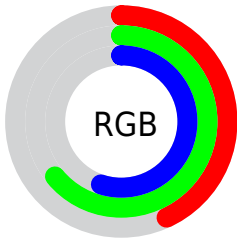
Format	Color
RYB	109, 142, 162
Decimal	7185036
CIELab	62.50, -22.49, 5.88
CIElCh	62, 23.241, 165.346
Yxy	30.9853, 0.2836, 0.3668
Android (android.graphics.Color)	4285375116 (0xFF6DA28C)
YUV	143.6450, -1.7970, -30.3837
Hunter-Lab	55.6644, -20.5780, 7.5130

Details

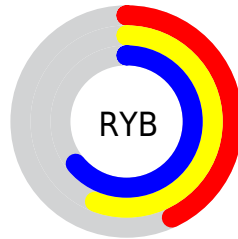
The XYZ color **23.9606, 30.9853, 29.5288** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4667, 20.2581, 24.0946**, and the grayscale version is **26.3812, 27.7551, 30.2253**.

A 20% lighter version of the original color is **49.4508, 61.2021, 60.2458**, and **9.2250, 12.8199, 11.6611** is the 20% darker color. If you saturate the color by 10%, you get **21.6677, 29.8597, 26.9119**, and if you desaturate by 10%, it is **26.6528, 32.3150, 32.3239**.

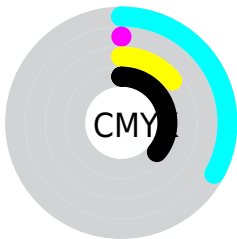
Distribution



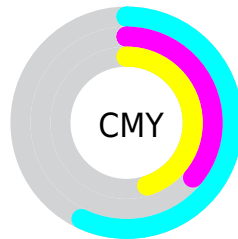
- Red (43%)
- Green (64%)
- Blue (55%)



- Red (43%)
- Yellow (56%)
- Blue (64%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9606, 30.9853, 29.5288 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 23.9606, 30.9853, 29.5288 by changing the saturation by 10% instead.

■ 23.9606, 30.9853,
29.5288

■ 23.9606, 30.9853,
29.5288

265.0654,
306.4706, 313.8405

■ 15.4290, 20.5877,
19.2322

■ 49.4210, 61.2169,
59.9684

■ 9.2093, 12.8229,
11.6597

■ 67.0806, 81.8197,
80.9484

■ 4.9361, 7.3067,
6.3927

■ 88.5134, 106.5930,
106.3267

■ 2.2442, 3.6547,
3.0127

■ 114.0850,
135.9211, 136.5218

■ 0.7659, 1.4823,
1.1011

144.1606,
170.1886, 171.9521

■ 0.0000, 0.2762,
0.0000

179.1057,

■ 0.0000, 0.0000,

209.7797, 213.0364

0.0000

219.2855,
255.0789, 260.1930

■ 23.9606, 30.9853,
29.5288

■ 23.9606, 30.9853,
29.5288

■ 21.6677, 29.8597,
26.9119

■ 26.6528, 32.3150,
32.3239

■ 19.7509, 28.9236,
24.4674

■ 29.7610, 33.8547,
35.2988

■ 18.1883, 28.1668,
22.1921

■ 33.3040, 35.6149,
38.4577

■ 16.9545, 27.5762,
20.0817

■ 37.2985, 37.6042,
41.8039

■ 16.0209, 27.1371,
18.1320

■ 41.7605, 39.8308,
45.3408

■ 15.3531, 26.8319,
16.3380

■ 46.7051, 42.3024,
49.0716

■ 14.9752, 26.6635,
15.1249

■ 52.1467, 45.0263,
52.9992

■ 58.0993, 48.0098,
57.1269

■ 64.5760, 51.2595,
61.4574

Harmonies

Analogous

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



25.3409, 30.9853, 22.9369



23.9606, 30.9853, 29.5288



23.9771, 30.9853, 38.5497

Triad

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



23.9606, 30.9853, 29.5288



31.0861, 30.9853, 53.4282



33.9253, 30.9853, 22.8224

Complementary

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



23.9606, 30.9853, 29.5288



24.4667, 20.2581, 24.0946

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.



35.6995, 30.9853, 29.3438



23.9606, 30.9853, 29.5288



33.9822, 30.9853, 47.4874

Square

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



23.9606, 30.9853, 29.5288



27.9418, 30.9853, 53.5019



35.7210, 30.9853, 38.3287



31.0128, 30.9853, 19.5611

Rectangle

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



23.9606, 30.9853, 29.5288



24.7725, 30.9853, 44.8249



35.7210, 30.9853, 38.3287



34.6835, 30.9853, 24.6485

Sweetspot

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



23.9615, 30.9866, 29.5295



55.5759, 62.2272, 65.4969



25.0546, 31.7781, 19.2817



12.2963, 13.8837, 14.5411



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.9615, 30.9866, 29.5295



40.4997, 54.7773, 50.2348



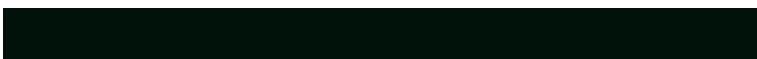
24.9851, 30.1729, 38.6910



7.1511, 7.9613, 8.4075



11.8192, 21.0140, 12.0301



0.2711, 0.4507, 0.3726

Inverse Universe

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



24.4667, 20.2581, 24.0946



41.5591, 32.3314, 38.8755



23.6132, 20.6897, 17.2174



7.1900, 7.1325, 7.9870



12.5634, 6.3814, 4.8915



0.2873, 0.1434, 0.2253

Previews

White Background



This preview shows how the XYZ color 23.9606, 30.9853, 29.5288 looks on a white background.

Color Contrast Check

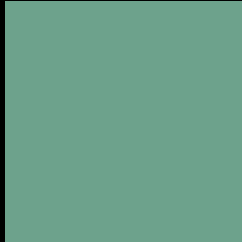
Large Text (above 18pt) WCAG AA × Fail

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 23.9606, 30.9853, 29.5288 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 23.9606, 30.9853, 29.5288

Background



This preview shows how black text looks on a background with the XYZ color 23.9606, 30.9853, 29.5288.



This preview shows how white text looks on a background with the XYZ color 23.9606, 30.9853,

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

23.9606, 30.9853, 29.5288

Protanopia

29.1141, 30.7020, 26.9459

Deuteranopia

31.2318, 30.5588, 30.2389



Tritanopia

26.6850, 31.0690, 42.6207

Trichromacy



Original Color

23.9606, 30.9853, 29.5288

Protanomaly

26.8148, 30.4642, 27.7594

Deuteranomaly

27.9817, 30.2893, 29.9628

Tritanomaly

25.4662, 30.8102, 37.4056

Monochromacy



Original Color

23.9606, 30.9853, 29.5288

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3846, 28.9417, 30.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9606, 30.9853, 29.5288 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(109, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(109, 162, 140)  
}
```

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(109, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 162, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.9606, 30.9853, 29.5288 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(109, 162, 140) }
```


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

```
.border{ border-color:rgb(109, 162, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 162, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 162, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 162, 140); box-shadow:4px 4px 4px 4px rgb(109, 162, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9606, 30.9853, 29.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 162, 140) }
```

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

```
.background{ background-color: rgb(109,  
162, 140) }
```

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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