

Converting Colors

XYZ(19.0996, 23.5396, 13.8929)

Have a look what the booklet for
XYZ(19.0996, 23.5396, 13.8929)
contains.

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Color

**XYZ(19.0996, 23.5396,
13.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	788C5D
RGB	120, 140, 93
RGB Percent	47%, 55%, 36%
CMY	0.5294, 0.4510, 0.6353
CMYK	0.14, 0.00, 0.34, 0.45
HSL	86°, 20%, 46%
HSV	86°, 34%, 55%
XYZ	19.0996, 23.5396, 13.8929
YIQ	128.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

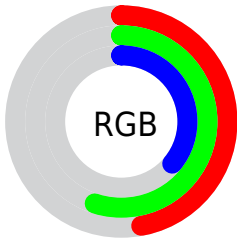
Format	Color
RYB	93, 140, 113
Decimal	7900253
CIELab	55.62, -15.86, 22.80
CIELCh	56, 27.776, 124.820
Yxy	23.5396, 0.3379, 0.4164
Android (android.graphics.Color)	4286090333 (0xFF788C5D)
YUV	128.6620, -17.5814, -7.5966
Hunter-Lab	48.5176, -14.6370, 16.9848

Details

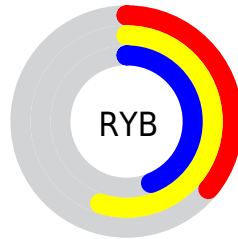
The XYZ color **19.0996, 23.5396, 13.8929** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.4591, 13.2336, 26.5519**, and the grayscale version is **20.8073, 21.8909, 23.8392**.

A 20% lighter version of the original color is **41.5594, 49.4814, 33.7460**, and **6.7478, 8.8492, 3.9372** is the 20% darker color. If you saturate the color by 10%, you get **17.7348, 22.9019, 10.8832**, and if you desaturate by 10%, it is **20.6306, 24.2513, 17.5041**.

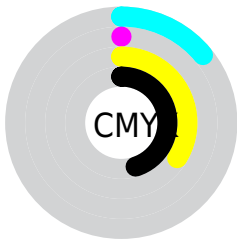
Distribution



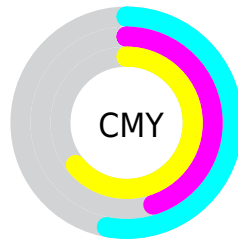
- Red (47%)
- Green (55%)
- Blue (36%)



- Red (36%)
- Yellow (55%)
- Blue (44%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0996, 23.5396, 13.8929 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 19.0996, 23.5396, 13.8929 by changing the saturation by 10% instead.

■ 19.0996, 23.5396,
13.8929

■ 19.0996, 23.5396,
13.8929

239.9256,
270.4845, 227.9688

■ 11.8467, 14.9924,
7.9083

■ 41.4179, 49.2778,
33.6133

■ 6.7108, 8.8141,
3.9494

■ 57.2140, 67.2377,
48.1861

■ 3.3266, 4.6201,
1.5976

■ 76.5886, 89.1040,
66.4588

■ 1.3288, 2.0261,
0.2891

■ 99.9070, 115.2610,
88.8499

■ 0.2046, 0.6226,
0.0000

127.5345,
146.0931, 115.7779

■ 0.0000, 0.0000,
0.0000

159.8365,

181.9849, 147.6613

197.1785,
223.3205, 184.9188

■ 19.0996, 23.5396,
13.8929

■ 19.0996, 23.5396,
13.8929

■ 17.7348, 22.9019,
10.8832

■ 20.6306, 24.2513,
17.5041

■ 16.5272, 22.3322,
8.4406

■ 22.3327, 25.0366,
21.7454

■ 15.4698, 21.8283,
6.5300


■ 24.2126, 25.8992,
26.6456


■ 14.5539, 21.3866,
5.1112


■ 26.2762, 26.8416,
32.2311


■ 13.7700, 21.0032,
4.1389


■ 28.5292, 27.8660,
38.5270


 13.1065, 20.6733,
3.5580

 30.9769, 28.9747,
45.5570

 12.7224, 20.4810,
3.2827

 33.6242, 30.1699,
53.3438

 36.4763, 31.4536,
61.9091

 39.5377, 32.8277,
71.2737

Harmonies

Analogous

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



21.8701, 23.5396, 11.9710



19.0996, 23.5396, 13.8929



17.3416, 23.5396, 18.9541

Triad

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



19.0996, 23.5396, 13.8929



19.9015, 23.5396, 44.6839



28.9467, 23.5396, 24.2046

Complementary

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



19.0996, 23.5396, 13.8929



15.4591, 13.2336, 26.5519

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.



28.2957, 23.5396, 33.7154



19.0996, 23.5396, 13.8929



22.8850, 23.5396, 47.0152

Square

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



19.0996, 23.5396, 13.8929



17.7733, 23.5396, 36.8286



26.0021, 23.5396, 42.6116



27.7064, 23.5396, 16.9693

Rectangle

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



19.0996, 23.5396, 13.8929



16.8823, 23.5396, 24.1008



26.0021, 23.5396, 42.6116



28.9428, 23.5396, 27.2239

Sweetspot

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



19.1002, 23.5406, 13.8934



40.4499, 44.6340, 41.1078



18.6507, 18.0841, 12.8639



9.2279, 10.2421, 9.2328



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.1002, 23.5406, 13.8934



31.8943, 40.6700, 20.5329



16.2755, 22.0845, 13.7612



5.2288, 5.7407, 5.3849



11.3266, 18.2091, 2.9177



0.0920, 0.1296, 0.0202

Inverse Universe

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



15.4591, 13.2336, 26.5519



24.4978, 19.7246, 46.2590



18.8158, 14.9640, 26.7090



4.9633, 4.9895, 6.3073



5.8613, 2.5357, 22.2262



0.0551, 0.0252, 0.1484

Previews

White Background



This preview shows how the XYZ color 19.0996, 23.5396, 13.8929 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 19.0996, 23.5396, 13.8929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

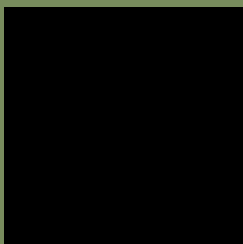
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0996, 23.5396, 13.8929

Background



This preview shows how black text looks on a background with the XYZ color 19.0996, 23.5396, 13.8929.



This preview shows how white text looks on a background with the XYZ color 19.0996, 23.5396,

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

19.0996, 23.5396, 13.8929

Protanopia

21.7346, 23.4425, 13.0522

Deuteranopia

23.8012, 23.2924, 14.3077



Tritanopia

22.3115, 23.5758, 29.7602

Trichromacy



Original Color

19.0996, 23.5396, 13.8929

Protanomaly

20.6842, 23.5145, 13.3461

Deuteranomaly

21.8184, 23.2580, 14.1658

Tritanomaly

20.8180, 23.3741, 22.8165

Monochromacy



Original Color

19.0996, 23.5396, 13.8929

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1441, 22.4716, 19.7987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0996, 23.5396, 13.8929 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(120, 140, 93)` looks like.

```
.text, #text, p{  
    color:rgb(120, 140, 93)  
}
```

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(120, 140, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 140, 93) }
```

Border

The CSS property to change the border of an element to XYZ 19.0996, 23.5396, 13.8929 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(120, 140, 93) }
```


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

```
.border{ border-color:rgb(120, 140, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 140, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 140, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 140, 93);  
box-shadow:4px 4px 4px 4px rgb(120, 140,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0996, 23.5396, 13.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 140, 93) }
```

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

```
.background{ background-color: rgb(120,  
140, 93) }
```

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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