

Converting Colors

XYZ(23.2989, 30.2437, 15.5682)

Have a look what the booklet for
XYZ(23.2989, 30.2437, 15.5682)
contains.

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Color

**XYZ(23.2619, 30.1528,
15.6604)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9F60
RGB	127, 159, 96
RGB Percent	50%, 62%, 38%
CMY	0.5020, 0.3765, 0.6235
CMYK	0.20, 0.00, 0.40, 0.38
HSL	90°, 25%, 50%
HSV	90°, 40%, 62%
XYZ	23.2619, 30.1528, 15.6604
YIQ	142.2500, 1.1510, -26.3770

Conversions

Conversions Part 2

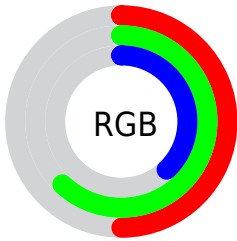
Format	Color
RYB	96, 159, 128
Decimal	8363872
CIELab	61.79, -22.53, 29.33
CIElCh	62, 36.980, 127.531
Yxy	30.1528, 0.3368, 0.4365
Android (android.graphics.Color)	4286553952 (0xFF7F9F60)
YUV	142.2500, -22.8012, -13.3742
Hunter-Lab	54.9116, -20.4782, 21.5290

Details

The XYZ color **23.2619, 30.1528, 15.6604** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3441, 15.4590, 34.7668**, and the grayscale version is **25.8981, 27.2468, 29.6718**.

A 20% lighter version of the original color is **48.3691, 60.0235, 36.6401**, and **8.7717, 12.2653, 4.7014** is the 20% darker color. If you saturate the color by 10%, you get **21.4478, 29.2947, 12.1331**, and if you desaturate by 10%, it is **25.3221, 31.1225, 19.9733**.

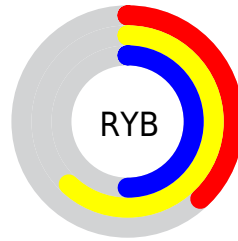
Distribution



Red (50%)

Green (62%)

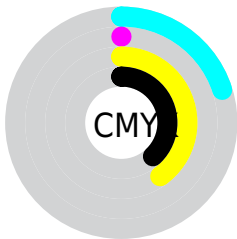
Blue (38%)



Red (38%)

Yellow (62%)

Blue (50%)

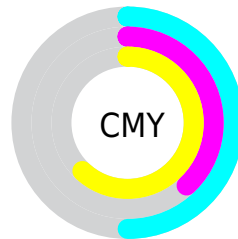


Cyan (20%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2619, 30.1528, 15.6604 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 23.2619, 30.1528, 15.6604 by changing the saturation by 10% instead.

■ 23.2619, 30.1528,
15.6604

■ 23.2619, 30.1528,
15.6604

261.5776,
302.6160, 239.1063

■ 14.9088, 19.9546,
9.1324

■ 48.2865, 59.9037,
36.7662

■ 8.8413, 12.3620,
4.7297

■ 65.6887, 80.2253,
52.1811

■ 4.6941, 6.9907,
2.0336

■ 86.8379, 104.6900,
71.3953

■ 2.1018, 3.4563,
0.5758

■ 112.0996,
133.6824, 94.8275

■ 0.6902, 1.3743,
0.0000

141.8391,
167.5868, 122.8962

■ 0.0000, 0.1977,
0.0000

176.4216,

■ 0.0000, 0.0000,

206.7876, 156.0198

0.0000

216.2127,
251.6692, 194.6170

■ 23.2619, 30.1528,
15.6604

■ 23.2619, 30.1528,
15.6604

■ 21.4478, 29.2947,
12.1331

■ 25.3221, 31.1225,
19.9733

■ 19.8662, 28.5395,
9.3422

■ 27.6365, 32.2042,
25.1135

■ 18.5057, 27.8834,
7.2356


■ 30.2156, 33.4035,
31.1217


■ 17.3524, 27.3204,
5.7540


■ 33.0685, 34.7241,
38.0356


■ 16.3908, 26.8442,
4.8276


■ 36.2040, 36.1699,
45.8906


 15.5883, 26.4414,
4.2993

 39.6303, 37.7444,
54.7203

 15.5599, 26.4271,
4.2809

 43.3553, 39.4508,
64.5565

 47.3866, 41.2926,
75.4295

 51.7316, 43.2727,
87.3687

Harmonies

Analogous

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



27.4343, 30.1528, 12.5966



23.2619, 30.1528, 15.6604



20.7591, 30.1528, 23.5074

Triad

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



23.2619, 30.1528, 15.6604



25.1858, 30.1528, 64.8656



39.1258, 30.1528, 29.3988

Complementary

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



23.2619, 30.1528, 15.6604



19.3441, 15.4590, 34.7668

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.



38.3458, 30.1528, 44.3427



23.2619, 30.1528, 15.6604



29.9203, 30.1528, 67.7855

Square

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



23.2619, 30.1528, 15.6604



21.7778, 30.1528, 52.3105



34.8331, 30.1528, 59.4208



36.8563, 30.1528, 18.9102

Rectangle

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



23.2619, 30.1528, 15.6604



20.1909, 30.1528, 31.6753



34.8331, 30.1528, 59.4208



39.2157, 30.1528, 34.0150

Sweetspot

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



23.2627, 30.1541, 15.6611



52.8608, 59.2395, 52.7765



24.0646, 23.5248, 14.3392



11.7896, 13.2961, 11.5985



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.



23.2627, 30.1541, 15.6611



38.6259, 52.5647, 22.1324



19.3342, 28.1289, 15.4772



6.8459, 7.5532, 7.0828



12.3372, 20.8968, 3.3832



0.2693, 0.3988, 0.0628

Inverse Universe

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



19.3441, 15.4590, 34.7668



30.5626, 22.3288, 61.4425



24.7401, 18.2407, 35.0193



6.5898, 6.5925, 8.3318



7.6555, 3.3756, 26.1553



0.1857, 0.0855, 0.4699

Previews

White Background



This preview shows how the XYZ color 23.2619, 30.1528, 15.6604 looks on a white background.

Color Contrast Check

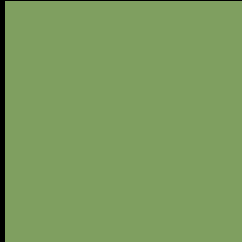
Large Text (above 18pt) WCAG AA × Fail

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 23.2619, 30.1528, 15.6604 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 23.2619, 30.1528, 15.6604

Background



This preview shows how black text looks on a background with the XYZ color 23.2619, 30.1528, 15.6604.



This preview shows how white text looks on a background with the XYZ color 23.2619, 30.1528,

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

23.2619, 30.1528, 15.6604

Protanopia

27.5795, 29.9490, 14.4524

Deuteranopia

30.3333, 29.7311, 16.1965



Tritanopia

27.9940, 30.0959, 38.9840

Trichromacy



Original Color

23.2619, 30.1528, 15.6604

Protanomaly

25.7614, 29.9623, 14.7815

Deuteranomaly

27.1401, 29.4516, 16.0587

Tritanomaly

25.8887, 29.9618, 28.8448

Monochromacy



Original Color

23.2619, 30.1528, 15.6604

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6081, 27.9788, 23.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2619, 30.1528, 15.6604 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(127, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 96)  
}
```

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(127, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 96) }
```

Border

The CSS property to change the border of an element to XYZ 23.2619, 30.1528, 15.6604 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(127, 159, 96) }
```


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

```
.border{ border-color:rgb(127, 159, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2619, 30.1528, 15.6604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 96) }
```

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

```
.background{ background-color: rgb(127,  
159, 96) }
```

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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