

Converting Colors

XYZ(30.6269, 40.0568, 17.9190)

Have a look what the booklet for
XYZ(30.6269, 40.0568, 17.9190)
contains.

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Color

**XYZ(30.6301, 40.0596,
17.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	92B563
RGB	146, 181, 99
RGB Percent	57%, 71%, 39%
CMY	0.4274, 0.2902, 0.6118
CMYK	0.19, 0.00, 0.45, 0.29
HSL	86°, 36%, 55%
HSV	86°, 45%, 71%
XYZ	30.6301, 40.0596, 17.9223
YIQ	161.1870, 5.4620, -32.9220

Conversions

Conversions Part 2

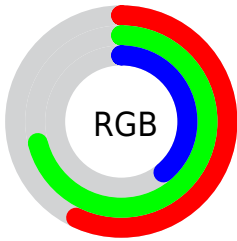
Format	Color
RYB	99, 181, 134
Decimal	9614691
CIELab	69.51, -25.79, 37.83
CIElCh	70, 45.780, 124.282
Yxy	40.0596, 0.3457, 0.4521
Android (android.graphics.Color)	4287804771 (0xFF92B563)
YUV	161.1870, -30.6582, -13.3190
Hunter-Lab	63.2927, -24.3781, 27.5160

Details

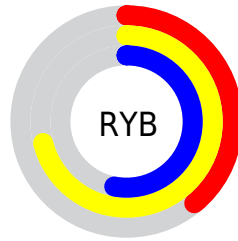
The XYZ color **30.6301, 40.0596, 17.9223** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.6355, 17.3293, 45.8702**, and the grayscale version is **34.1005, 35.8764, 39.0694**.

A 20% lighter version of the original color is **59.9575, 75.2202, 40.6370**, and **12.8091, 17.9958, 5.8160** is the 20% darker color. If you saturate the color by 10%, you get **28.5329, 39.0687, 13.8025**, and if you desaturate by 10%, it is **33.0161, 41.1795, 23.0696**.

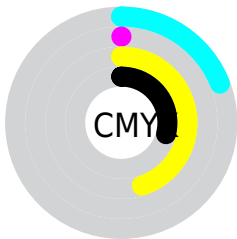
Distribution



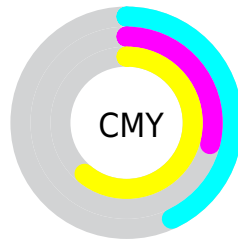
- Red (57%)
- Green (71%)
- Blue (39%)



- Red (39%)
- Yellow (71%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (43%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6301, 40.0596, 17.9223 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 30.6301, 40.0596, 17.9223 by changing the saturation by 10% instead.

■ 30.6301, 40.0596,
17.9223

■ 30.6301, 40.0596,
17.9223

296.6880,
346.3747, 252.6541

■ 20.4678, 27.5850,
10.7254

■ 60.0370, 75.2543,
40.7170

■ 12.8458, 18.0131,
5.7706

■ 80.0124, 98.7431,
57.1519

■ 7.3987, 10.9594,
2.6396

■ 103.9894,
126.6722, 77.5031

■ 3.7612, 6.0395,
0.9128

■ 132.3336,
159.4259, 102.1893

■ 1.5679, 2.8691,
0.0000

165.4101,
197.3886, 131.6290

■ 0.3714, 1.0638,
0.0000

203.5845,

■ 0.0000, 0.0000,

240.9447, 166.2406

0.0000

247.2220,
290.4786, 206.4428

■ 30.6301, 40.0596,
17.9223

■ 30.6301, 40.0596,
17.9223

■ 28.5329, 39.0687,
13.8025

■ 33.0161, 41.1795,
23.0696

■ 26.7065, 38.1953,
10.6385

■ 35.7017, 42.4287,
29.3046

■ 25.1354, 37.4344,
8.3533


■ 38.7004, 43.8143,
36.6859


■ 23.8006, 36.7780,
6.8573


■ 42.0241, 45.3412,
45.2671


■ 22.6790, 36.2167,
6.0393


■ 45.6840, 47.0142,
55.0985

 22.2034, 35.9769,
5.7740

 49.6906, 48.8375,
66.2275

 54.0541, 50.8154,
78.6991

 58.7840, 52.9520,
92.5559

 62.7575, 54.7982,
101.8772

Harmonies

Analogous

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



37.0258, 40.0596, 14.3511



30.6301, 40.0596, 17.9223



26.6704, 40.0596, 28.2556

Triad

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



30.6301, 40.0596, 17.9223



32.2449, 40.0596, 91.4209



54.0479, 40.0596, 40.6538

Complementary

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



30.6301, 40.0596, 17.9223



22.6355, 17.3293, 45.8702

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.



52.3412, 40.0596, 63.7320



30.6301, 40.0596, 17.9223



39.1447, 40.0596, 97.9775

Square

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



30.6301, 40.0596, 17.9223



27.5147, 40.0596, 70.7412



46.6390, 40.0596, 86.5412



51.0423, 40.0596, 24.5009

Rectangle

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



30.6301, 40.0596, 17.9223



25.6314, 40.0596, 39.6941



46.6390, 40.0596, 86.5412



54.0088, 40.0596, 47.7925

Sweetspot

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



30.6311, 40.0614, 17.9232



69.9168, 78.7469, 67.2404



29.7201, 27.5467, 15.5556



14.8514, 16.9002, 13.8765



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6311, 40.0614, 17.9232



51.2406, 70.0350, 24.9814



24.7013, 37.0045, 17.6457



8.8396, 9.7224, 9.0632



15.3864, 24.8420, 3.9840



0.5492, 0.8152, 0.1284

Inverse Universe

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



22.6355, 17.3293, 45.8702



35.1903, 24.3631, 81.1424



30.2966, 21.2788, 46.2287



8.3744, 8.4016, 10.6866



7.9504, 3.4344, 30.3809



0.3174, 0.1427, 0.9591

Previews

White Background



This preview shows how the XYZ color 30.6301, 40.0596, 17.9223 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 30.6301, 40.0596, 17.9223 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

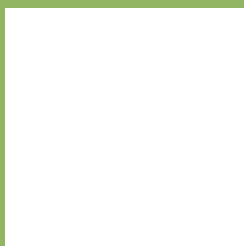
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6301, 40.0596, 17.9223

Background



This preview shows how black text looks on a background with the XYZ color 30.6301, 40.0596, 17.9223.



This preview shows how white text looks on a background with the XYZ color 30.6301, 40.0596,

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

30.6301, 40.0596, 17.9223

Protanopia

36.5032, 39.6413, 16.5541

Deuteranopia

40.5959, 39.8193, 18.6430



Tritanopia

37.4204, 39.8977, 51.6277

Trichromacy



Original Color

30.6301, 40.0596, 17.9223

Protanomaly

33.8495, 39.3896, 16.8852

Deuteranomaly

36.3534, 39.5256, 18.2835

Tritanomaly

34.4891, 39.8631, 36.4484

Monochromacy



Original Color

30.6301, 40.0596, 17.9223

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.3004, 36.9082, 29.4663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6301, 40.0596, 17.9223 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(146, 181, 99)` looks like.

```
.text, #text, p{  
    color:rgb(146, 181, 99)  
}
```

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(146, 181, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 181, 99) }
```

Border

The CSS property to change the border of an element to XYZ 30.6301, 40.0596, 17.9223 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(146, 181, 99) }
```


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

```
.border{ border-color:rgb(146, 181, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 181, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 181, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 181, 99);  
box-shadow:4px 4px 4px 4px rgb(146, 181,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6301, 40.0596, 17.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 181, 99) }
```

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

```
.background{ background-color: rgb(146,  
181, 99) }
```

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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