

Converting Colors

XYZ(17.4643, 23.8119, 17.4059)

Have a look what the booklet for
XYZ(17.4643, 23.8119, 17.4059)
contains.

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Color

**XYZ(17.3430, 23.6711,
17.2906)**

Conversions

Conversions Part 1

Format	Color
Hex	5E916A
RGB	94, 145, 106
RGB Percent	37%, 57%, 42%
CMY	0.6314, 0.4314, 0.5843
CMYK	0.35, 0.00, 0.27, 0.43
HSL	134°, 21%, 47%
HSV	134°, 35%, 57%
XYZ	17.3430, 23.6711, 17.2906
YIQ	125.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

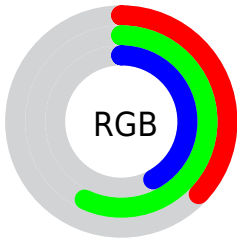
Format	Color
R_{YB}	94, 135, 145
Decimal	6197610
CIE _{Lab}	55.76, -25.70, 15.41
CIE _{LCh}	56, 29.970, 149.048
Yxy	23.6711, 0.2975, 0.4060
Android (android.graphics.Color)	4284387690 (0xFF5E916A)
YUV	125.3050, -9.5174, -27.4545
Hunter-Lab	48.6530, -21.5139, 12.9862

Details

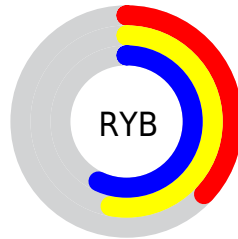
The XYZ color **17.3430, 23.6711, 17.2906** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.9142, 15.7191, 24.1756**, and the grayscale version is **19.6317, 20.6541, 22.4923**.

A 20% lighter version of the original color is **38.3633, 49.3922, 39.4100**, and **5.8051, 8.8464, 5.4045** is the 20% darker color. If you saturate the color by 10%, you get **15.4537, 22.7602, 14.3844**, and if you desaturate by 10%, it is **19.5875, 24.7579, 20.6037**.

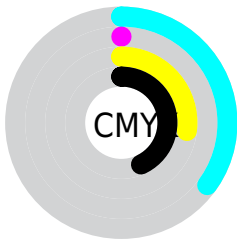
Distribution



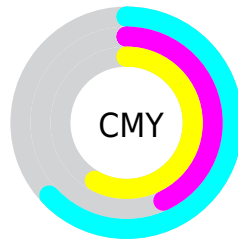
- Red (37%)
- Green (57%)
- Blue (42%)



- Red (37%)
- Yellow (53%)
- Blue (57%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3430, 23.6711, 17.2906 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 17.3430, 23.6711, 17.2906 by changing the saturation by 10% instead.

■ 17.3430, 23.6711,
17.2906

■ 17.3430, 23.6711,
17.2906

230.2592,
271.1534, 248.9419

■ 10.5762, 15.0898,
10.2778

■ 38.4535, 49.4929,
39.6222

■ 5.8478, 8.8824,
5.4755

■ 53.5279, 67.5023,
55.7781

■ 2.7925, 4.6646,
2.4653

■ 72.1021, 89.4232,
75.8187

■ 1.0450, 2.0518,
0.8217

■ 94.5416, 115.6399,
100.1626

■ 0.0000, 0.6373,
0.0000

121.2117,
146.5369, 129.2283

■ 0.0000, 0.0000,
0.0000

152.4778,

182.4985, 163.4344

188.7052,
223.9092, 203.1994

■ 17.3430, 23.6711,
17.2906

■ 17.3430, 23.6711,
17.2906

■ 15.4537, 22.7602,
14.3844

■ 19.5875, 24.7579,
20.6037

■ 13.8992, 22.0129,
11.8679

■ 22.2025, 26.0260,
24.3370

■ 12.6599, 21.4202,
9.7248


■ 25.2045, 27.4845,
28.5050


■ 11.7133, 20.9707,
7.9373


■ 28.6088, 29.1408,
33.1212


■ 11.0337, 20.6518,
6.4859


■ 32.4295, 31.0020,
38.1984


 10.5875, 20.4465,
5.3492

 36.6801, 33.0748,
43.7489

 10.4163, 20.3679,
4.9048

 41.3737, 35.3657,
49.7847

 46.5225, 37.8808,
56.3170

 52.1386, 40.6260,
63.3570

Harmonies

Analogous

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



19.4702, 23.6711, 12.6221



17.3430, 23.6711, 17.2906



16.5725, 23.6711, 25.4638

Triad

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



17.3430, 23.6711, 17.2906



22.3901, 23.6711, 49.4042



28.7142, 23.6711, 17.7071

Complementary

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



17.3430, 23.6711, 17.2906



19.9142, 15.7191, 24.1756

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.



29.6920, 23.6711, 26.0864



17.3430, 23.6711, 17.2906



25.8259, 23.6711, 45.8609

Square

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



17.3430, 23.6711, 17.2906



19.2997, 23.6711, 45.4053



28.5865, 23.6711, 36.6576



26.0329, 23.6711, 12.8165

Rectangle

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



17.3430, 23.6711, 17.2906



16.8655, 23.6711, 32.3827



28.5865, 23.6711, 36.6576



29.2643, 23.6711, 20.1315

Sweetspot

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



17.3436, 23.6721, 17.2911



41.7955, 47.5953, 46.4314



21.8353, 26.0548, 14.4681



9.1595, 10.5208, 10.1362



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.3436, 23.6721, 17.2911



28.3973, 41.1068, 26.8923



18.8661, 24.2811, 25.3084



5.3917, 6.0489, 6.0284



8.9429, 17.4730, 4.2536



0.0929, 0.1700, 0.0796

Inverse Universe

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



19.9142, 15.7191, 24.1756



33.6889, 24.7174, 41.0512



18.3660, 15.0998, 16.0229



5.5727, 5.4896, 6.5140



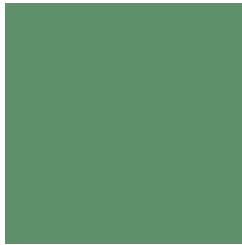
12.4816, 6.1497, 13.4533



0.1278, 0.0622, 0.1733

Previews

White Background



This preview shows how the XYZ color 17.3430, 23.6711, 17.2906 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 17.3430, 23.6711, 17.2906 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 17.3430, 23.6711, 17.2906

Background



This preview shows how black text looks on a background with the XYZ color 17.3430, 23.6711, 17.2906.



This preview shows how white text looks on a background with the XYZ color 17.3430, 23.6711,

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

17.3430, 23.6711, 17.2906

Protanopia

21.8431, 23.4459, 15.4309

Deuteranopia

23.8601, 23.4342, 18.0175



Tritanopia

20.3312, 23.5508, 32.3284

Trichromacy



Original Color

17.3430, 23.6711, 17.2906

Protanomaly

19.8014, 23.2106, 16.0068

Deuteranomaly

20.8011, 23.0599, 17.8227

Tritanomaly

19.0835, 23.4803, 26.0806

Monochromacy



Original Color

17.3430, 23.6711, 17.2906

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4607, 21.3879, 20.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3430, 23.6711, 17.2906 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(94, 145, 106)` looks like.

```
.text, #text, p{  
    color:rgb(94, 145, 106)  
}
```

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(94, 145, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 145, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.3430, 23.6711, 17.2906 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(94, 145, 106) }
```


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

```
.border{ border-color:rgb(94, 145, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 145, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 145, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 145, 106);  
box-shadow:4px 4px 4px 4px rgb(94, 145,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3430, 23.6711, 17.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 145, 106) }
```

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

```
.background{ background-color: rgb(94, 145,  
106) }
```

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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