

Converting Colors

XYZ(24.6667, 30.5839, 17.4352)

Have a look what the booklet for
XYZ(24.6667, 30.5839, 17.4352)
contains.

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Color

**XYZ(24.6667, 30.5839,
17.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	879E67
RGB	135, 158, 103
RGB Percent	53%, 62%, 40%
CMY	0.4706, 0.3804, 0.5961
CMYK	0.15, 0.00, 0.35, 0.38
HSL	85°, 22%, 51%
HSV	85°, 35%, 62%
XYZ	24.6667, 30.5839, 17.4352
YIQ	144.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

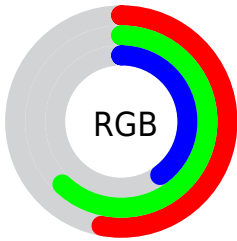
Format	Color
RYB	103, 158, 126
Decimal	8887911
CIELab	62.15, -17.94, 26.14
CIELCh	62, 31.710, 124.465
Yxy	30.5839, 0.3394, 0.4208
Android (android.graphics.Color)	4287077991 (0xFF879E67)
YUV	144.8530, -20.6335, -8.6411
Hunter-Lab	55.3027, -17.1633, 20.0196

Details

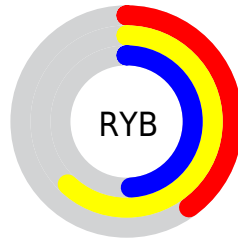
The XYZ color **24.6667, 30.5839, 17.4352** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6273, 16.6056, 34.5202**, and the grayscale version is **26.9346, 28.3373, 30.8593**.

A 20% lighter version of the original color is **50.6969, 60.7739, 40.0689**, and **9.6034, 12.6760, 5.5550** is the 20% darker color. If you saturate the color by 10%, you get **22.9172, 29.7661, 13.5976**, and if you desaturate by 10%, it is **26.6337, 31.4984, 22.0666**.

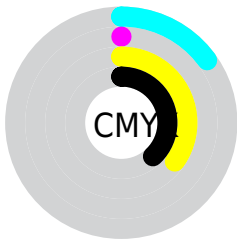
Distribution



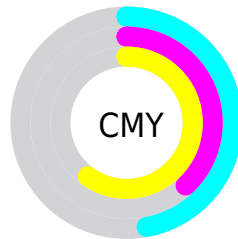
- Red (53%)
- Green (62%)
- Blue (40%)



- Red (40%)
- Yellow (62%)
- Blue (49%)



- Cyan (15%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6667, 30.5839, 17.4352 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 24.6667, 30.5839, 17.4352 by changing the saturation by 10% instead.

■ 24.6667, 30.5839,
17.4352

■ 24.6667, 30.5839,
17.4352

268.5524,
304.6167, 249.7963

■ 15.9563, 20.2822,
10.3800

■ 50.5628, 60.5844,
39.8734

■ 9.5839, 12.6003,
5.5428

■ 68.4792, 81.0519,
56.0935

■ 5.1841, 7.1539,
2.5049

■ 90.1950, 105.6769,
76.2057

■ 2.3915, 3.5586,
0.8427

■ 116.0756,
134.8437, 100.6284

■ 0.8409, 1.4298,
0.0000

146.4862,
168.9367, 129.7803

■ 0.0000, 0.2385,
0.0000

181.7923,

■ 0.0000, 0.0000,

208.3402, 164.0799

0.0000

222.3593,
253.4388, 203.9457

■ 24.6667, 30.5839,
17.4352

■ 24.6667, 30.5839,
17.4352

■ 22.9172, 29.7661,
13.5976

■ 26.6337, 31.4984,
22.0666

■ 21.3732, 29.0369,
10.5071

■ 28.8247, 32.5092,
27.5309

■ 20.0249, 28.3934,
8.1154


■ 31.2490, 33.6213,
33.8671


■ 18.8607, 27.8307,
6.3675


■ 33.9145, 34.8378,
41.1111


■ 17.8672, 27.3433,
5.2002


■ 36.8287, 36.1620,
49.2968


 17.0282, 26.9247,
4.5350

 39.9986, 37.5967,
58.4564

 16.6333, 26.7263,
4.2820

 43.4312, 39.1448,
68.6204

 47.1331, 40.8092,
79.8182

 51.1104, 42.5924,
92.0779

Harmonies

Analogous

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



28.4347, 30.5839, 14.9313



24.6667, 30.5839, 17.4352



22.2733, 30.5839, 24.1599

Triad

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



24.6667, 30.5839, 17.4352



25.6722, 30.5839, 59.3372



38.0451, 30.5839, 31.5037

Complementary

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



24.6667, 30.5839, 17.4352



19.6273, 16.6056, 34.5202

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.



37.1231, 30.5839, 44.4974



24.6667, 30.5839, 17.4352



29.7129, 30.5839, 62.6678

Square

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



24.6667, 30.5839, 17.4352



22.8128, 30.5839, 48.4553



33.9664, 30.5839, 56.6875



36.3759, 30.5839, 21.6896

Rectangle

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



24.6667, 30.5839, 17.4352



21.6401, 30.5839, 31.0843



33.9664, 30.5839, 56.6875



38.0291, 30.5839, 35.6200

Sweetspot

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



24.6675, 30.5852, 17.4359



54.3211, 59.9423, 55.1029



24.0001, 23.1499, 16.0359



12.1165, 13.4542, 12.0844



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.



24.6675, 30.5852, 17.4359



42.2174, 54.3350, 25.9680



20.8098, 28.5965, 17.2553



6.9018, 7.5820, 7.0854



13.3665, 21.4274, 3.4314



0.2865, 0.4076, 0.0636

Inverse Universe

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



19.6273, 16.6056, 34.5202



31.6259, 24.9437, 61.8912



24.2387, 18.9829, 34.7360



6.5345, 6.5640, 8.3293



6.7896, 2.9292, 26.1148



0.1685, 0.0766, 0.4691

Previews

White Background



This preview shows how the XYZ color 24.6667, 30.5839, 17.4352 looks on a white background.

Color Contrast Check

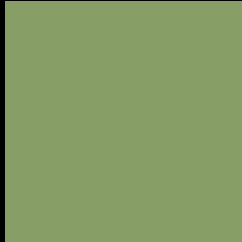
Large Text (above 18pt) WCAG AA × Fail

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 24.6667, 30.5839, 17.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

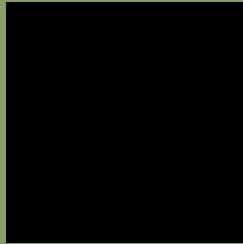
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.6667, 30.5839, 17.4352

Background



This preview shows how black text looks on a background with the XYZ color 24.6667, 30.5839, 17.4352.



This preview shows how white text looks on a background with the XYZ color 24.6667, 30.5839,

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

24.6667, 30.5839, 17.4352

Protanopia

28.3109, 30.5193, 16.4553

Deuteranopia

30.9349, 30.4521, 17.8831



Tritanopia

29.0052, 30.6172, 39.0313

Trichromacy



Original Color

24.6667, 30.5839, 17.4352

Protanomaly

26.8771, 30.4944, 16.7813

Deuteranomaly

28.1975, 30.1962, 17.7069

Tritanomaly

27.1785, 30.6097, 29.6751

Monochromacy



Original Color

24.6667, 30.5839, 17.4352

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9201, 29.0871, 25.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6667, 30.5839, 17.4352 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(135, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(135, 158, 103)  
}
```

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(135, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 158, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.6667, 30.5839, 17.4352 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(135, 158, 103) }
```


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

```
.border{ border-color:rgb(135, 158, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 158, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(135, 158,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6667, 30.5839, 17.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 158, 103) }
```

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

```
.background{ background-color: rgb(135,  
158, 103) }
```

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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