

Converting Colors

XYZ(23.9817, 36.7299, 26.9447)

Have a look what the booklet for
XYZ(23.9817, 36.7299, 26.9447)
contains.

XYZ(23.9817, 36.7299, 26.9447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.9817, 36.7299,
26.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB682
RGB	79, 182, 130
RGB Percent	31%, 71%, 51%
CMY	0.6902, 0.2863, 0.4902
CMYK	0.57, 0.00, 0.29, 0.29
HSL	150°, 41%, 51%
HSV	150°, 57%, 71%
XYZ	23.9817, 36.7299, 26.9447
YIQ	145.2750, -44.6960, -38.0080

Conversions

Conversions Part 2

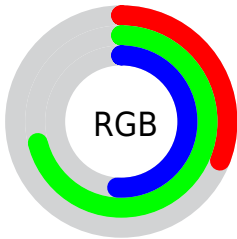
Format	Color
R_{YB}	79, 148, 182
Decimal	5224066
CIE _{Lab}	67.07, -42.13, 17.67
CIE _{LCh}	67, 45.682, 157.250
Yxy	36.7299, 0.2736, 0.4190
Android (android.graphics.Color)	4283414146 (0xFF4FB682)
YUV	145.2750, -7.5306, -58.1232
Hunter-Lab	60.6052, -35.4260, 16.0637

Details

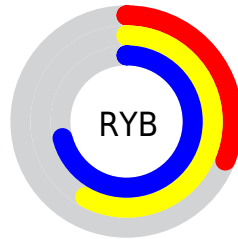
The XYZ color **23.9817, 36.7299, 26.9447** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.1854, 17.1766, 23.4095**, and the grayscale version is **27.0691, 28.4788, 31.0134**.

A 20% lighter version of the original color is **49.5671, 70.3861, 55.7732**, and **9.1797, 16.0240, 10.1985** is the 20% darker color. If you saturate the color by 10%, you get **22.0807, 35.8190, 23.7791**, and if you desaturate by 10%, it is **26.3542, 37.8795, 30.4216**.

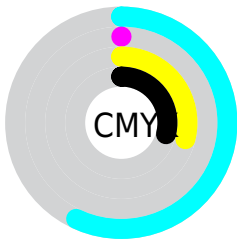
Distribution



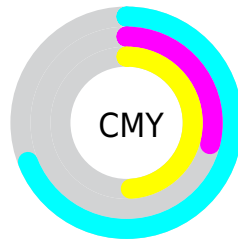
- Red (31%)
- Green (71%)
- Blue (51%)



- Red (31%)
- Yellow (58%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)





- Cyan (69%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9817, 36.7299, 26.9447 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 23.9817, 36.7299, 26.9447 by changing the saturation by 10% instead.


 23.9817, 36.7299,
26.9447


 23.9817, 36.7299,
26.9447


265.1701,
332.1397, 301.1410


 15.4447, 24.9984,
17.2996

 49.4552, 70.1572,
55.7978


 9.2204, 16.0759,
10.2841


 67.1225, 92.6218,
75.8429


 4.9435, 9.5779,
5.4797


 88.5639, 119.4329,
100.1917

 2.2486, 5.1200,
2.4678

 114.1447,
150.9749, 129.2628

 0.7681, 2.3178,
0.8230

 144.2304,
187.6321, 163.4747

 0.0000, 0.7831,
0.0000

179.1863,

 0.0000, 0.0000,

229.7891, 203.2461

0.0000

219.3778,
277.8301, 248.9953

■ 23.9817, 36.7299,
26.9447

■ 23.9817, 36.7299,
26.9447

■ 22.0807, 35.8190,
23.7791

■ 26.3542, 37.8795,
30.4216

■ 20.6120, 35.1238,
20.9130

■ 29.2274, 39.2796,
34.2159

■ 19.5349, 34.6244,
18.3375

■ 32.6315, 40.9468,
38.3368

■ 18.7930, 34.2920,
16.0418

■ 36.5934, 42.8948,
42.7922

■ 18.5790, 34.1974,
15.3203

■ 41.1382, 45.1362,
47.5899

■ 46.2892, 47.6831,
52.7373

■ 52.0687, 50.5467,
58.2414

■ 58.4976, 53.7377,
64.1094

■ 65.5959, 57.2663,
70.3478

Harmonies

Analogous

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



27.4317, 36.7299, 16.6115



23.9817, 36.7299, 26.9447



23.2628, 36.7299, 45.0184

Triad

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



23.9817, 36.7299, 26.9447



36.6240, 36.7299, 91.2293



46.6630, 36.7299, 21.0145

Complementary

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



23.9817, 36.7299, 26.9447



26.1854, 17.1766, 23.4095

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.



49.9134, 36.7299, 35.3555



23.9817, 36.7299, 26.9447



43.6387, 36.7299, 78.8400

Square

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



23.9817, 36.7299, 26.9447



29.9943, 36.7299, 86.6782



48.7390, 36.7299, 56.6909



40.3368, 36.7299, 14.0657

Rectangle

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



23.9817, 36.7299, 26.9447



24.3285, 36.7299, 60.1964



48.7390, 36.7299, 56.6909



48.1873, 36.7299, 24.9060

Sweetspot

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



23.9827, 36.7314, 26.9455



65.8081, 77.5024, 76.9976



27.6901, 38.9451, 13.4554



14.2031, 16.9545, 16.6412



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.9827, 36.7314, 26.9455



39.2775, 64.5785, 41.7294



28.2208, 38.4266, 49.2630



9.0707, 10.1323, 10.5299



13.1533, 24.1623, 10.9950



0.4950, 0.8643, 0.5522

Inverse Universe

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



26.1854, 17.1766, 23.4095



43.6637, 25.6285, 34.6799



23.5631, 16.1277, 9.6006



9.1887, 9.0858, 10.3409



15.0177, 7.5808, 7.9799



0.5606, 0.2797, 0.4457

Previews

White Background



This preview shows how the XYZ color 23.9817, 36.7299, 26.9447 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 23.9817, 36.7299, 26.9447 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 23.9817, 36.7299, 26.9447

Background



This preview shows how black text looks on a background with the XYZ color 23.9817, 36.7299, 26.9447.



This preview shows how white text looks on a background with the XYZ color 23.9817, 36.7299,

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

23.9817, 36.7299, 26.9447

Protanopia

33.8271, 36.2198, 23.2974

Deuteranopia

36.8259, 36.1193, 28.3233



Tritanopia

29.2511, 36.4876, 53.6452

Trichromacy



Original Color

23.9817, 36.7299, 26.9447



Protanomaly

28.4735, 35.3201, 24.3855



Deuteranomaly

29.9710, 34.9274, 27.7163



Tritanomaly

27.0065, 36.4451, 42.6570

Monochromacy



Original Color

23.9817, 36.7299, 26.9447



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.8456, 30.4121, 29.3716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9817, 36.7299, 26.9447 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(79, 182, 130)` looks like.

```
.text, #text, p{  
    color:rgb(79, 182, 130)  
}
```

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(79, 182, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 182, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.9817, 36.7299, 26.9447 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(79, 182, 130) }
```


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

```
.border{ border-color:rgb(79, 182, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 182, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 182, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 182, 130);  
box-shadow:4px 4px 4px 4px rgb(79, 182,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9817, 36.7299, 26.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 182, 130) }
```

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

```
.background{ background-color: rgb(79, 182,  
130) }
```

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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