

Converting Colors

XYZ(23.1485, 17.6179, 26.7099)

Have a look what the booklet for
XYZ(23.1485, 17.6179, 26.7099)
contains.

XYZ(23.1411, 17.6008, 26.6037)	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(23.1411, 17.6008,
26.6037)**

Conversions

Conversions Part 1

Format	Color
Hex	9F608B
RGB	159, 96, 139
RGB Percent	62%, 38%, 55%
CMY	0.3765, 0.6235, 0.4549
CMYK	0.00, 0.40, 0.13, 0.38
HSL	319°, 25%, 50%
HSV	319°, 40%, 62%
XYZ	23.1411, 17.6008, 26.6037
YIQ	119.7390, 23.7450, 26.7290

Conversions

Conversions Part 2

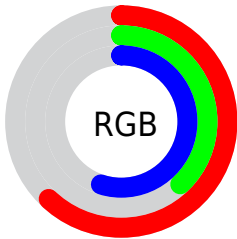
Format	Color
R_{YB}	159, 96, 139
Decimal	10444939
CIE _{Lab}	49.01, 32.01, -12.95
CIE _{LCh}	49, 34.526, 337.972
Yxy	17.6008, 0.3436, 0.2614
Android (android.graphics.Color)	4288635019 (0xFF9F608B)
YUV	119.7390, 9.4957, 34.4319
Hunter-Lab	41.9533, 25.0408, -8.2300

Details

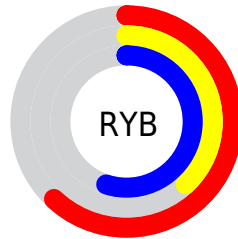
The XYZ color **23.1411, 17.6008, 26.6037** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3751, 28.5444, 20.9600**, and the grayscale version is **17.7352, 18.6588, 20.3194**.

A 20% lighter version of the original color is **48.2399, 39.4771, 55.5294**, and **8.7635, 5.8185, 10.1124** is the 20% darker color. If you saturate the color by 10%, you get **21.4742, 14.8435, 24.2702**, and if you desaturate by 10%, it is **25.1195, 20.9533, 29.1254**.

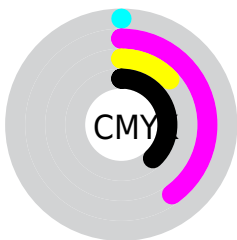
Distribution



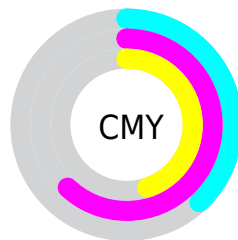
- Red (62%)
- Green (38%)
- Blue (55%)



- Red (62%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1411, 17.6008, 26.6037 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 23.1411, 17.6008, 26.6037 by changing the saturation by 10% instead.

■ 23.1411, 17.6008,
26.6037

■ 23.1411, 17.6008,
26.6037

260.9707,
238.6112, 299.4324

■ 14.8190, 10.6638,
17.0460

■ 48.0899, 39.3559,
55.2433

■ 8.7779, 5.8412,
10.1050

■ 65.4472, 54.9428,
75.1622

■ 4.6526, 2.7488,
5.3621

■ 86.5471, 74.1817,
99.3720

■ 2.0775, 1.0020,
2.3988

■ 111.7547, 97.4571,
128.2912

■ 0.6770, 0.0000,
0.7858

141.4356,
125.1534, 162.3382

■ 0.0000, 0.0000,
0.0000

175.9549,

157.6549, 201.9318

215.6782,
195.3460, 247.4903

■ 23.1411, 17.6008,
26.6037

■ 23.1411, 17.6008,
26.6037

■ 21.4742, 14.8435,
24.2702

■ 25.1195, 20.9533,
29.1254

■ 20.0992, 12.6433,
22.1168

■ 27.4243, 24.9314,
31.8409

■ 18.9966, 10.9615,
20.1359

■ 30.0714, 29.5660,
34.7567

■ 18.1439, 9.7532,
18.3190

■ 33.0752, 34.8856,
37.8787

■ 17.5146, 8.9661,
16.6559

■ 36.4490, 40.9167,
41.2123

■ 17.0496, 8.4820,
15.1258

■ 40.2058, 47.6847,
44.7629

■ 17.0327, 8.4648,
15.0694

■ 44.3576, 55.2135,
48.5356

■ 48.9161, 63.5260,
52.5351

■ 53.8923, 72.6441,
56.7662

Harmonies

Analogous

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



20.8295, 17.6008, 36.7900



23.1411, 17.6008, 26.6037



23.6308, 17.6008, 16.8117

Triad

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



23.1411, 17.6008, 26.6037



15.8860, 17.6008, 6.4318



12.3124, 17.6008, 32.2563

Complementary

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



23.1411, 17.6008, 26.6037



20.3751, 28.5444, 20.9600

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.



11.3219, 17.6008, 21.7267



23.1411, 17.6008, 26.6037



13.2055, 17.6008, 8.3190

Square

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



23.1411, 17.6008, 26.6037



19.1572, 17.6008, 6.9889



11.6265, 17.6008, 13.2597



14.5152, 17.6008, 40.7155

Rectangle

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



23.1411, 17.6008, 26.6037



22.8063, 17.6008, 12.0000



11.6265, 17.6008, 13.2597



11.8404, 17.6008, 28.7288

Sweetspot

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



23.1416, 17.6016, 26.6041



52.5580, 50.6687, 60.8488



17.6375, 14.5796, 34.6855



11.7174, 11.1920, 13.5747



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.



23.1416, 17.6016, 26.6041



38.6518, 26.8990, 43.7505



21.1645, 16.8107, 16.1925



6.8145, 6.7187, 7.8741



13.4725, 6.6936, 12.0050



0.2591, 0.1270, 0.3108

Inverse Universe

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



23.1416, 17.6016, 26.6041



38.6518, 26.8990, 43.7505



22.5244, 29.4042, 32.2781



6.8145, 6.7187, 7.8741



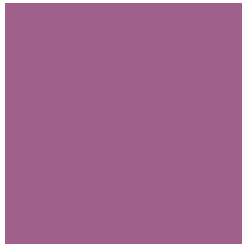
13.4725, 6.6936, 12.0050



0.2591, 0.1270, 0.3108

Previews

White Background



This preview shows how the XYZ color 23.1411, 17.6008, 26.6037 looks on a white background.

Color Contrast Check

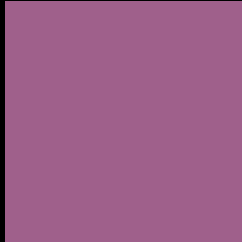
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.1411, 17.6008, 26.6037 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 23.1411, 17.6008, 26.6037

Background



This preview shows how black text looks on a background with the XYZ color 23.1411, 17.6008, 26.6037.



This preview shows how white text looks on a background with the XYZ color 23.1411, 17.6008,

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

23.1411, 17.6008, 26.6037

Protanopia

18.0586, 17.9165, 32.6434

Deuteranopia

18.0690, 17.7341, 25.7632



Tritanopia

21.2220, 17.6748, 16.7611

Trichromacy



Original Color

23.1411, 17.6008, 26.6037

Protanomaly

19.4181, 17.5110, 30.3735

Deuteranomaly

19.6046, 17.3899, 25.9902

Tritanomaly

21.8520, 17.6385, 20.0221

Monochromacy



Original Color

23.1411, 17.6008, 26.6037

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.3467, 17.9695, 22.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1411, 17.6008, 26.6037 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(159, 96, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 139)  
}
```

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(159, 96, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.1411, 17.6008, 26.6037 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(159, 96, 139) }
```


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

```
.border{ border-color:rgb(159, 96, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 96, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 96, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 96, 139); box-shadow:4px 4px 4px 4px rgb(159, 96, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1411, 17.6008, 26.6037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 139) }
```

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

```
.background{ background-color: rgb(159, 96,  
139) }
```

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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