

Converting Colors

XYZ(26.9877, 19.5325, 23.6814)

Have a look what the booklet for
XYZ(26.9877, 19.5325, 23.6814)
contains.

XYZ(27.0113, 19.5264, 23.8180)	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(27.0113, 19.5264,
23.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	B45F83
RGB	180, 95, 131
RGB Percent	71%, 37%, 51%
CMY	0.2941, 0.6274, 0.4863
CMYK	0.00, 0.47, 0.27, 0.29
HSL	335°, 36%, 54%
HSV	335°, 47%, 71%
XYZ	27.0113, 19.5264, 23.8180
YIQ	124.5190, 39.1040, 29.2160

Conversions

Conversions Part 2

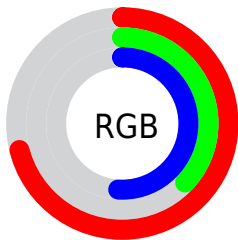
Format	Color
R_{YB}	180, 95, 131
Decimal	11820931
CIE _{Lab}	51.30, 38.65, -4.48
CIE _{LCh}	51, 38.913, 353.394
Yxy	19.5264, 0.3839, 0.2775
Android (android.graphics.Color)	4290011011 (0xFFB45F83)
YUV	124.5190, 3.1951, 48.6568
Hunter-Lab	44.1887, 31.7818, -1.0256

Details

The XYZ color **27.0113, 19.5264, 23.8180** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.0755, 37.0895, 32.1721**, and the grayscale version is **19.3126, 20.3183, 22.1266**.

A 20% lighter version of the original color is **54.5015, 42.8176, 50.7395**, and **10.8811, 6.7705, 8.7160** is the 20% darker color. If you saturate the color by 10%, you get **24.9048, 16.3830, 19.8179**, and if you desaturate by 10%, it is **29.5640, 23.4491, 28.3147**.

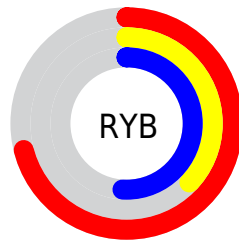
Distribution



Red (71%)

Green (37%)

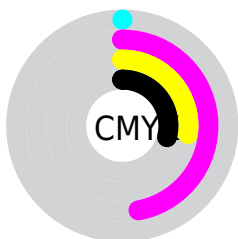
Blue (51%)



Red (71%)

Yellow (37%)

Blue (51%)

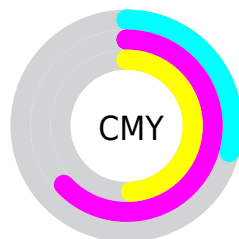


Cyan (0%)

Magenta (47%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (63%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0113, 19.5264, 23.8180 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 27.0113, 19.5264, 23.8180 by changing the saturation by 10% instead.


 27.0113, 19.5264,
23.8180


 27.0113, 19.5264,
23.8180


279.8784,
249.3396, 285.1559


 17.7183, 12.0513,
14.9877


 54.3218, 42.6217,
50.6731


 10.8464, 6.7786,
8.6642


 73.0700, 59.0107,
69.5351

 6.0302, 3.3240,
4.4290


 95.7006, 79.1397,
92.5780

 2.9043, 1.3031,
1.8635

 122.5791,
103.3932, 120.2204

 1.1033, 0.1436,
0.4694

154.0708,
132.1555, 152.8809

 0.0279, 0.0000,
0.0000

190.5410,

 0.0000, 0.0000,

165.8111, 190.9779

0.0000

232.3551,
204.7443, 234.9301

■ 27.0113, 19.5264,
23.8180

■ 27.0113, 19.5264,
23.8180

■ 24.9048, 16.3830,
19.8179

■ 29.5640, 23.4491,
28.3147

■ 23.2146, 13.9629,
16.2939

■ 32.5868, 28.1963,
33.3254

■ 21.9095, 12.2071,
13.2249


■ 36.1040, 33.8131,
38.8674


■ 20.9528, 11.0459,
10.5877


■ 40.1374, 40.3408,
44.9574


■ 20.2922, 10.3782,
8.3529


■ 44.7078, 47.8175,
51.6107

 20.1349, 10.2283,
7.7925

 49.8345, 56.2796,
58.8423

 55.5361, 65.7613,
66.6665

 61.8302, 76.2953,
75.0971

 68.0904, 86.6265,
83.9330

Harmonies

Analogous

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



25.2239, 19.5264, 36.7374



27.0113, 19.5264, 23.8180



26.2929, 19.5264, 13.8485

Triad

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



27.0113, 19.5264, 23.8180



15.7488, 19.5264, 7.0514



14.4522, 19.5264, 43.4701

Complementary

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



27.0113, 19.5264, 23.8180



26.0755, 37.0895, 32.1721

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.



12.5136, 19.5264, 30.9352



27.0113, 19.5264, 23.8180



13.1860, 19.5264, 10.8862

Square

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



27.0113, 19.5264, 23.8180



19.4319, 19.5264, 6.3050



12.0846, 19.5264, 18.8938



17.7132, 19.5264, 50.3746

Rectangle

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



27.0113, 19.5264, 23.8180



24.5329, 19.5264, 9.6912



12.0846, 19.5264, 18.8938



13.6438, 19.5264, 39.6025

Sweetspot

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



27.0119, 19.5274, 23.8184



67.5438, 64.6614, 73.6601



23.6879, 17.3354, 45.2777



14.2758, 13.4551, 15.4270



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.



27.0119, 19.5274, 23.8184



44.9002, 29.3296, 35.4214



25.5101, 19.7733, 13.2998



8.6407, 8.5630, 9.6064



14.0851, 7.1516, 5.6080



0.4726, 0.2368, 0.3313

Inverse Universe

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



27.0119, 19.5274, 23.8184



44.9002, 29.3296, 35.4214



28.1587, 36.1297, 48.6697



8.6407, 8.5630, 9.6064



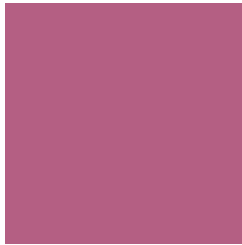
14.0851, 7.1516, 5.6080



0.4726, 0.2368, 0.3313

Previews

White Background



This preview shows how the XYZ color 27.0113, 19.5264, 23.8180 looks on a white background.

Color Contrast Check

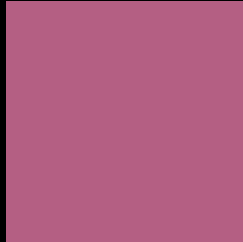
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0113, 19.5264, 23.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

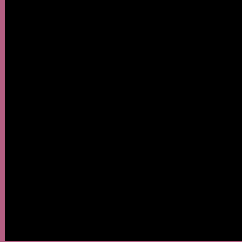
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0113, 19.5264, 23.8180

Background



This preview shows how black text looks on a background with the XYZ color 27.0113, 19.5264, 23.8180.



This preview shows how white text looks on a background with the XYZ color 27.0113, 19.5264,

23.8180.

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

27.0113, 19.5264, 23.8180

Protanopia

19.6409, 19.8391, 30.8111

Deuteranopia

20.1005, 19.7125, 22.8242



Tritanopia

25.5711, 19.6409, 16.3532

Trichromacy



Original Color

27.0113, 19.5264, 23.8180

Protanomaly

21.4919, 19.1168, 28.1483

Deuteranomaly

22.0499, 19.1944, 22.9648

Tritanomaly

26.1105, 19.5800, 18.9261

Monochromacy



Original Color

27.0113, 19.5264, 23.8180

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5251, 19.5867, 22.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0113, 19.5264, 23.8180 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(180, 95, 131)` looks like.

```
.text, #text, p{  
    color:rgb(180, 95, 131)  
}
```

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(180, 95, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 95, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.0113, 19.5264, 23.8180 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(180, 95, 131) }
```


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

```
.border{ border-color:rgb(180, 95, 131) }
```

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

Here you see how a box with a 4 pixel rgb(180, 95, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 95, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 95, 131);  
box-shadow:4px 4px 4px 4px rgb(180, 95,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0113, 19.5264, 23.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 95, 131) }
```

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

```
.background{ background-color: rgb(180, 95,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor