

Converting Colors

XYZ(26.0944, 16.1612, 23.3510)

Have a look what the booklet for
XYZ(26.0944, 16.1612, 23.3510)
contains.

XYZ(25.9920, 16.0853, 23.2076)	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(25.9920, 16.0853,
23.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	B84583
RGB	184, 69, 131
RGB Percent	72%, 27%, 51%
CMY	0.2784, 0.7294, 0.4863
CMYK	0.00, 0.62, 0.29, 0.28
HSL	328°, 45%, 50%
HSV	328°, 62%, 72%
XYZ	25.9920, 16.0853, 23.2076
YIQ	110.4530, 48.6380, 43.6620

Conversions

Conversions Part 2

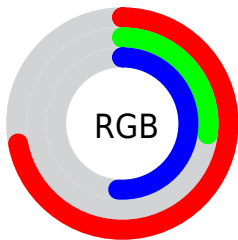
Format	Color
RYB	184, 69, 131
Decimal	12076419
CIELab	47.09, 52.62, -10.70
CIELCh	47, 53.695, 348.506
Yxy	16.0853, 0.3981, 0.2464
Android (android.graphics.Color)	4290266499 (0xFFB84583)
YUV	110.4530, 10.1297, 64.5007
Hunter-Lab	40.1065, 45.4950, -6.2336

Details

The XYZ color **25.9920, 16.0853, 23.2076** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.1085, 36.9517, 24.3288**, and the grayscale version is **14.9139, 15.6906, 17.0871**.

A 20% lighter version of the original color is **52.6968, 36.6813, 49.6502**, and **10.2754, 5.1212, 8.4296** is the 20% darker color. If you saturate the color by 10%, you get **24.4791, 13.9418, 19.9826**, and if you desaturate by 10%, it is **27.9038, 18.9510, 26.7980**.

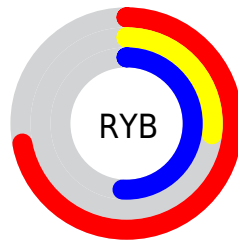
Distribution



Red (72%)

Green (27%)

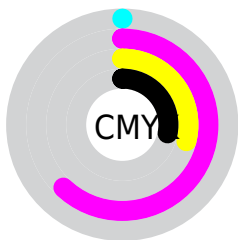
Blue (51%)



Red (72%)

Yellow (27%)

Blue (51%)

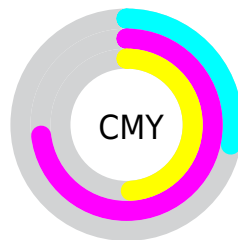


Cyan (0%)

Magenta (62%)

Yellow (29%)

Black (28%)



Cyan (28%)


Magenta (73%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9920, 16.0853, 23.2076 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 25.9920, 16.0853, 23.2076 by changing the saturation by 10% instead.

 25.9920, 16.0853,
23.2076


 25.9920, 16.0853,
23.2076


275.0002,
229.8445, 281.9459


 16.9503, 9.5845,
14.5401


 52.6934, 36.7462,
49.6615

 10.2942, 5.1244,
8.3543


 71.0839, 51.6752,
68.2850


 5.6582, 2.3204,
4.2315

 93.3213, 70.1823,
91.0643

 2.6770, 0.7845,
1.7532

 119.7710, 92.6520,
118.4178

 0.9854, 0.0000,
0.3968

 150.7984,
119.4687, 150.7642

 0.0000, 0.0000,
0.0000

186.7689,

151.0168, 188.5220

228.0477,
187.6806, 232.1097

■ 25.9920, 16.0853,
23.2076

■ 25.9920, 16.0853,
23.2076

■ 24.4791, 13.9418,
19.9826

■ 27.9038, 18.9510,
26.7980

■ 23.3288, 12.4504,
17.1050

■ 30.2435, 22.5955,
30.7683

■ 22.5003, 11.5307,
14.5556

■ 33.0390, 27.0728,
35.1332

■ 22.0287, 11.0950,
12.8340

■ 36.3151, 32.4312,
39.9060

■ 40.0951, 38.7152,
45.0993

■ 44.4003, 45.9664,
50.7249

■ 49.2511, 54.2238,
56.7941

■ 54.6667, 63.5243,
63.3180

■ 60.6652, 73.9029,
70.3068

Harmonies

Analogous

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



23.1253, 16.0853, 40.9325



25.9920, 16.0853, 23.2076



25.5857, 16.0853, 10.5038

Triad

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



25.9920, 16.0853, 23.2076



12.5903, 16.0853, 2.6351



10.0389, 16.0853, 45.0121

Complementary

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



25.9920, 16.0853, 23.2076



23.1085, 36.9517, 24.3288

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.



8.2079, 16.0853, 27.1047



25.9920, 16.0853, 23.2076



9.4587, 16.0853, 5.3371

Square

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



25.9920, 16.0853, 23.2076



17.1652, 16.0853, 2.4096



8.0200, 16.0853, 12.8375



13.5540, 16.0853, 57.2112

Rectangle

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



25.9920, 16.0853, 23.2076



23.5275, 16.0853, 5.8200



8.0200, 16.0853, 12.8375



9.2400, 16.0853, 39.1353

Sweetspot

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



25.9925, 16.0861, 23.2079



67.9081, 62.2255, 75.2491



18.6309, 11.7649, 46.6363



14.2383, 12.7506, 15.6607



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.



25.9925, 16.0861, 23.2079



43.5178, 24.1256, 34.1912



23.1574, 14.9521, 8.2785



9.2016, 9.0910, 10.4090



15.2181, 7.6610, 9.0351



0.5674, 0.2824, 0.4811

Inverse Universe

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



25.9925, 16.0861, 23.2079



43.5178, 24.1256, 34.1912



27.6563, 38.7709, 48.2773



9.2016, 9.0910, 10.4090



15.2181, 7.6610, 9.0351



0.5674, 0.2824, 0.4811

Previews

White Background



This preview shows how the XYZ color 25.9920, 16.0853, 23.2076 looks on a white background.

Color Contrast Check

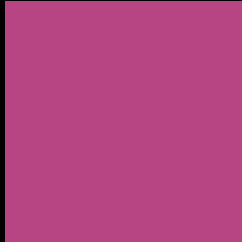
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9920, 16.0853, 23.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

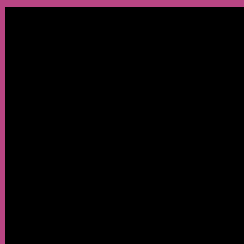
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9920, 16.0853, 23.2076

Background



This preview shows how black text looks on a background with the XYZ color 25.9920, 16.0853, 23.2076.



This preview shows how white text looks on a background with the XYZ color 25.9920, 16.0853,

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

25.9920, 16.0853, 23.2076

Protanopia

16.9594, 16.4483, 35.5387

Deuteranopia

16.5064, 16.1999, 21.6589



Tritanopia

23.3307, 16.0965, 10.4716

Trichromacy



Original Color

25.9920, 16.0853, 23.2076

Protanomaly

18.6609, 15.2028, 30.3847

Deuteranomaly

18.8180, 15.2004, 22.0208

Tritanomaly

24.0388, 15.9519, 14.3824

Monochromacy



Original Color

25.9920, 16.0853, 23.2076

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.6788, 14.8108, 19.0665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9920, 16.0853, 23.2076 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(184, 69, 131)` looks like.

```
.text, #text, p{  
    color:rgb(184, 69, 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(184, 69, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 69, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.9920, 16.0853, 23.2076 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(184, 69, 131) }
```


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

```
.border{ border-color:rgb(184, 69, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 69, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 69, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 69, 131);  
box-shadow:4px 4px 4px 4px rgb(184, 69,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9920, 16.0853, 23.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 69, 131) }
```

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

```
.background{ background-color: rgb(184, 69,  
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