

Converting Colors

XYZ(26.3011, 14.9577, 33.2850)

Have a look what the booklet for
XYZ(26.3011, 14.9577, 33.2850)
contains.

XYZ(26.3224, 14.9660, 33.3997)	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(26.3224, 14.9660,
33.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	B4389D
RGB	180, 56, 157
RGB Percent	71%, 22%, 62%
CMY	0.2941, 0.7804, 0.3843
CMYK	0.00, 0.69, 0.13, 0.29
HSL	311°, 53%, 46%
HSV	311°, 69%, 71%
XYZ	26.3224, 14.9660, 33.3997
YIQ	104.5900, 41.4830, 57.6990

Conversions

Conversions Part 2

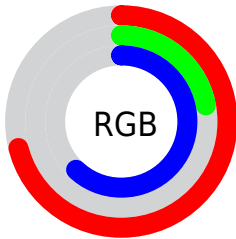
Format	Color
R_{YB}	180, 56, 157
Decimal	11810973
CIE _{Lab}	45.59, 60.45, -28.70
CIE _{LCh}	46, 66.914, 334.604
Yxy	14.9660, 0.3524, 0.2004
Android (android.graphics.Color)	4290001053 (0xFFB4389D)
YUV	104.5900, 25.8381, 66.1346
Hunter-Lab	38.6859, 53.7534, -24.1082

Details

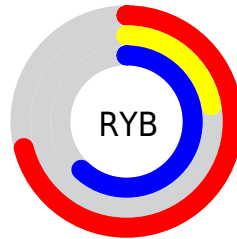
The XYZ color **26.3224, 14.9660, 33.3997** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.3642, 34.0484, 12.9499**, and the grayscale version is **13.2422, 13.9318, 15.1717**.

A 20% lighter version of the original color is **53.3854, 34.9144, 66.2128**, and **10.8620, 5.3050, 13.8161** is the 20% darker color. If you saturate the color by 10%, you get **25.3205, 13.4119, 31.6785**, and if you desaturate by 10%, it is **27.6467, 17.1518, 35.2671**.

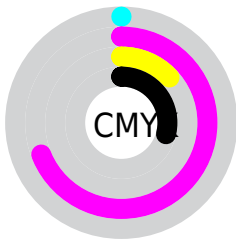
Distribution



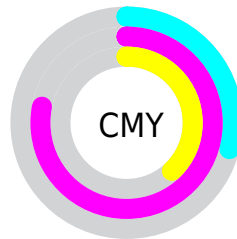
- Red (71%)
- Green (22%)
- Blue (62%)



- Red (71%)
- Yellow (22%)
- Blue (62%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)
- Black (29%)





- Cyan (29%)
- Magenta (78%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3224, 14.9660, 33.3997 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 26.3224, 14.9660, 33.3997 by changing the saturation by 10% instead.


 26.3224, 14.9660,
33.3997


 26.3224, 14.9660,
33.3997


276.5889,
223.1603, 332.1341


 17.1989, 8.7955,
22.1592


 53.2222, 34.7935,
66.1222

 10.4726, 4.6081,
13.7745


 71.7292, 49.2194,
88.4414


 5.7781, 2.0192,
7.8270


 94.0949, 67.1658,
115.2904

 2.7500, 0.6186,
3.8983

 120.6844, 89.0172,
147.0880

 1.0230, 0.0000,
1.5697

 151.8632,
115.1579, 184.2526

 0.0000, 0.0000,
0.2691

187.9967,

 0.0000, 0.0000,

145.9724, 227.2028

0.0000

229.4501,
181.8451, 276.3571

■ 26.3224, 14.9660,
33.3997

■ 26.3224, 14.9660,
33.3997

■ 25.3205, 13.4119,
31.6785

■ 27.6467, 17.1518,
35.2671

■ 24.6039, 12.4164,
30.0904

■ 29.3221, 20.0276,
37.2901

■ 24.1095, 11.8530,
28.6142

■ 31.3759, 23.6474,
39.4783

■ 24.0586, 11.7978,
28.4534

■ 33.8321, 28.0594,
41.8400

■ 36.7128, 33.3075,
44.3827

■ 40.0385, 39.4326,
47.1138

■ 43.8283, 46.4728,
50.0396

■ 48.1001, 54.4640,
53.1667

■ 52.8710, 63.4401,
56.5008

Harmonies

Analogous

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



21.2495, 14.9660, 57.0776



26.3224, 14.9660, 33.3997



27.8661, 14.9660, 13.9458

Triad

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



26.3224, 14.9660, 33.3997



13.3787, 14.9660, 0.8321



7.0809, 14.9660, 40.7977

Complementary

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



26.3224, 14.9660, 33.3997



19.3642, 34.0484, 12.9499

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.



5.9711, 14.9660, 18.8952



26.3224, 14.9660, 33.3997



8.9488, 14.9660, 1.8170

Square

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



26.3224, 14.9660, 33.3997



19.3546, 14.9660, 1.3023



6.5523, 14.9660, 6.3325



10.0922, 14.9660, 62.9725

Rectangle

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



26.3224, 14.9660, 33.3997



26.4173, 14.9660, 6.5403



6.5523, 14.9660, 6.3325



6.5149, 14.9660, 32.7805

Sweetspot

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



26.3229, 14.9667, 33.4000



65.2016, 57.8935, 79.3027



12.8556, 7.7754, 44.0037



13.7810, 11.9448, 16.8677



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.



26.3229, 14.9667, 33.4000



45.1324, 23.2032, 55.8172



22.3150, 13.3636, 12.2946



8.7811, 8.6191, 10.3455



16.8143, 8.2433, 19.9796



0.5466, 0.2664, 0.7209

Inverse Universe

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



26.3229, 14.9667, 33.4000



45.1324, 23.2032, 55.8172



22.7408, 35.3990, 30.7306



8.7811, 8.6191, 10.3455



16.8143, 8.2433, 19.9796



0.5466, 0.2664, 0.7209

Previews

White Background



This preview shows how the XYZ color 26.3224, 14.9660, 33.3997 looks on a white background.

Color Contrast Check

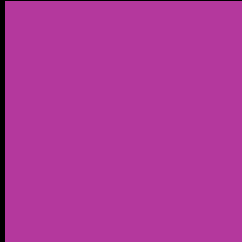
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3224, 14.9660, 33.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

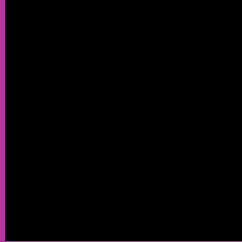
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3224, 14.9660, 33.3997

Background



This preview shows how black text looks on a background with the XYZ color 26.3224, 14.9660, 33.3997.



This preview shows how white text looks on a background with the XYZ color 26.3224, 14.9660,

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

26.3224, 14.9660, 33.3997

Protanopia

17.4494, 15.4557, 56.0964

Deuteranopia

15.5064, 15.1721, 30.5450



Tritanopia

21.5582, 14.9731, 10.1414

Trichromacy



Original Color

26.3224, 14.9660, 33.3997

Protanomaly

17.9672, 13.4434, 46.9953

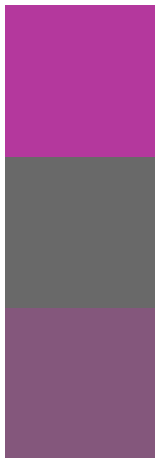
Deuteranomaly

17.9096, 13.7585, 31.4175

Tritanomaly

22.9639, 14.7581, 16.6772

Monochromacy



Original Color

26.3224, 14.9660, 33.3997

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.5620, 13.1772, 20.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3224, 14.9660, 33.3997 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, 56, 157)` looks like.

```
.text, #text, p{  
    color:rgb(180, 56, 157)  
}
```

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, 56, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 56, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.3224, 14.9660, 33.3997 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, 56, 157) }
```


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

```
.border{ border-color:rgb(180, 56, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 56, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 56, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 56, 157);  
box-shadow:4px 4px 4px 4px rgb(180, 56,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3224, 14.9660, 33.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 56, 157) }
```

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

```
.background{ background-color: rgb(180, 56,  
157) }
```

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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