

Converting Colors

XYZ(26.6129, 16.5170, 22.3806)

Have a look what the booklet for
XYZ(26.6129, 16.5170, 22.3806)
contains.

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Color

**XYZ(26.6461, 16.5301,
22.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4681
RGB	187, 70, 129
RGB Percent	73%, 27%, 51%
CMY	0.2667, 0.7255, 0.4941
CMYK	0.00, 0.63, 0.31, 0.27
HSL	330°, 46%, 50%
HSV	330°, 63%, 73%
XYZ	26.6461, 16.5301, 22.5551
YIQ	111.7090, 50.7930, 43.1530

Conversions

Conversions Part 2

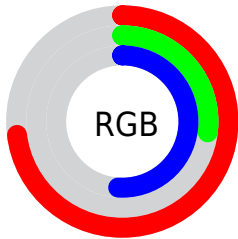
Format	Color
R_{YB}	187, 70, 129
Decimal	12273281
CIE _{Lab}	47.66, 52.83, -8.58
CIE _{LCh}	48, 53.526, 350.781
Yxy	16.5301, 0.4054, 0.2515
Android (android.graphics.Color)	4290463361 (0xFFBB4681)
YUV	111.7090, 8.5245, 66.0302
Hunter-Lab	40.6572, 45.8359, -4.4318

Details

The XYZ color **26.6461, 16.5301, 22.5551** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.1933, 38.4017, 26.5614**, and the grayscale version is **15.2821, 16.0780, 17.5089**.

A 20% lighter version of the original color is **53.6572, 37.3855, 48.6441**, and **10.6647, 5.3467, 8.0593** is the 20% darker color. If you saturate the color by 10%, you get **25.0646, 14.3089, 19.1243**, and if you desaturate by 10%, it is **28.6486, 19.5037, 26.4024**.

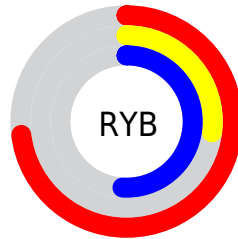
Distribution



Red (73%)

Green (27%)

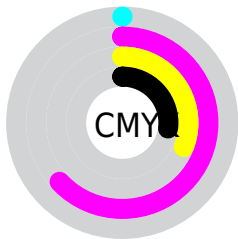
Blue (51%)



Red (73%)

Yellow (27%)

Blue (51%)

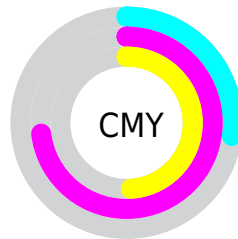


Cyan (0%)

Magenta (63%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (73%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6461, 16.5301, 22.5551 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 26.6461, 16.5301, 22.5551 by changing the saturation by 10% instead.


 26.6461, 16.5301,
22.5551


 26.6461, 16.5301,
22.5551

278.1384,
232.4497, 278.4791


 17.4428, 9.9000,
14.0631


 53.7394, 37.5161,
48.5757

 10.6480, 5.3327,
8.0253


 72.3600, 52.6408,
66.9413


 5.8962, 2.4438,
4.0232

 94.8506, 71.3658,
89.4353

 2.8221, 0.8483,
1.6381

 121.5763, 94.0755,
116.4762

 1.0604, 0.0000,
0.3178

 152.9026,
121.1544, 148.4825

 0.0000, 0.0000,
0.0000

189.1948,

152.9868, 185.8727

230.8183,
189.9571, 229.0654

■ 26.6461, 16.5301,
22.5551

■ 26.6461, 16.5301,
22.5551

■ 25.0646, 14.3089,
19.1243

■ 28.6486, 19.5037,
26.4024

■ 23.8661, 12.7666,
16.0896

■ 31.1028, 23.2888,
30.6830

■ 23.0075, 11.8197,
13.4293

■ 34.0378, 27.9417,
35.4136

■ 22.5271, 11.3782,
11.6680

■ 37.4799, 33.5128,
40.6094

■ 41.4535, 40.0486,
46.2849

■ 45.9811, 47.5924,
52.4538

■ 51.0842, 56.1849,
59.1291

■ 56.7828, 65.8647,
66.3234

■ 63.0961, 76.6681,
74.0486

Harmonies

Analogous

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



23.9649, 16.5301, 40.3082



26.6461, 16.5301, 22.5551



25.9702, 16.5301, 10.1795

Triad

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



26.6461, 16.5301, 22.5551



12.6699, 16.5301, 2.8987



10.5856, 16.5301, 47.0754

Complementary

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



26.6461, 16.5301, 22.5551



24.1933, 38.4017, 26.5614

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.



8.5878, 16.5301, 29.0501



26.6461, 16.5301, 22.5551



9.6107, 16.5301, 5.9555

Square

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



26.6461, 16.5301, 22.5551



17.2308, 16.5301, 2.5110



8.2713, 16.5301, 14.1010



14.2839, 16.5301, 58.5073

Rectangle

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



26.6461, 16.5301, 22.5551



23.7521, 16.5301, 5.6964



8.2713, 16.5301, 14.1010



9.7272, 16.5301, 41.2567

Sweetspot

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



26.6466, 16.5310, 22.5554



69.3371, 63.6391, 75.9454



19.8463, 12.4468, 48.3702



14.8380, 13.3086, 16.0982



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.6466, 16.5310, 22.5554



44.0314, 24.4853, 32.1878



23.8524, 15.4133, 7.8414



9.7254, 9.6145, 10.9431



15.5579, 7.8543, 8.2317



0.6424, 0.3209, 0.4962

Inverse Universe

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



26.6466, 16.5310, 22.5554



44.0314, 24.4853, 32.1878



29.0589, 40.3479, 52.1831



9.7254, 9.6145, 10.9431



15.5579, 7.8543, 8.2317



0.6424, 0.3209, 0.4962

Previews

White Background



This preview shows how the XYZ color 26.6461, 16.5301, 22.5551 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 26.6461, 16.5301, 22.5551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

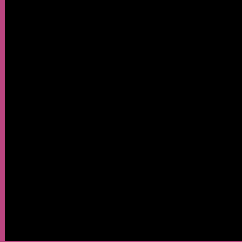
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6461, 16.5301, 22.5551

Background



This preview shows how black text looks on a background with the XYZ color 26.6461, 16.5301, 22.5551.



This preview shows how white text looks on a background with the XYZ color 26.6461, 16.5301,

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

26.6461, 16.5301, 22.5551

Protanopia

17.2213, 16.7663, 34.6763

Deuteranopia

17.0362, 16.6469, 21.0542



Tritanopia

24.0368, 16.4605, 10.5046

Trichromacy



Original Color

26.6461, 16.5301, 22.5551

Protanomaly

19.0569, 15.5615, 29.6030

Deuteranomaly

19.4709, 15.6848, 21.4033

Tritanomaly

24.7006, 16.2988, 14.1560

Monochromacy



Original Color

26.6461, 16.5301, 22.5551

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.1922, 15.3464, 19.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6461, 16.5301, 22.5551 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(187, 70, 129)` looks like.

```
.text, #text, p{  
  color:rgb(187, 70, 129)  
}
```

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(187, 70, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 70, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.6461, 16.5301, 22.5551 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(187, 70, 129) }
```


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

```
.border{ border-color:rgb(187, 70, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 70, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 70, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 70, 129);  
box-shadow:4px 4px 4px 4px rgb(187, 70,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6461, 16.5301, 22.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 70, 129) }
```

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

```
.background{ background-color: rgb(187, 70,  
129) }
```

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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