

Converting Colors

XYZ(26.1410, 12.7255, 48.6613)

Have a look what the booklet for
XYZ(26.1410, 12.7255, 48.6613)
contains.

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Color

**XYZ(26.0721, 12.6897,
48.6521)**

Conversions

Conversions Part 1

Format	Color
Hex	AB11BC
RGB	171, 17, 188
RGB Percent	67%, 7%, 74%
CMY	0.3294, 0.9333, 0.2627
CMYK	0.09, 0.91, 0.00, 0.26
HSL	294°, 83%, 40%
HSV	294°, 91%, 74%
XYZ	26.0721, 12.6897, 48.6521
YIQ	82.5400, 36.8930, 85.8290

Conversions

Conversions Part 2

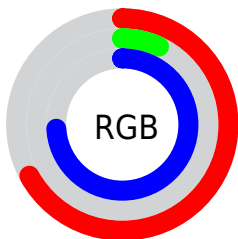
Format	Color
RYB	171, 17, 188
Decimal	11211196
CIELab	42.29, 73.62, -52.40
CIELCh	42, 90.360, 324.558
Yxy	12.6897, 0.2983, 0.1452
Android (android.graphics.Color)	4289401276 (0xFFAB11BC)
YUV	82.5400, 51.9918, 77.5794
Hunter-Lab	35.6226, 68.3042, -56.0404

Details

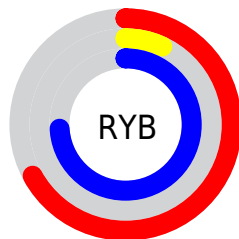
The XYZ color **26.0721, 12.6897, 48.6521** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **18.7447, 36.3474, 6.5587**, and the grayscale version is **8.0237, 8.4416, 9.1929**.

A 20% lighter version of the original color is **52.7707, 30.7279, 89.5360**, and **11.2425, 5.2986, 22.9844** is the 20% darker color. If you saturate the color by 10%, you get **25.5059, 12.1002, 48.5683**, and if you desaturate by 10%, it is **26.9073, 13.7508, 48.8131**.

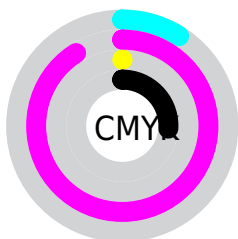
Distribution



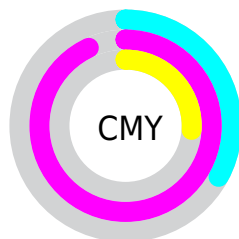
- Red (67%)
- Green (7%)
- Blue (74%)



- Red (67%)
- Yellow (7%)
- Blue (74%)



- Cyan (9%)
- Magenta (91%)
- Yellow (0%)
- Black (26%)





- Cyan (33%)
- Magenta (93%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0721, 12.6897, 48.6521 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 26.0721, 12.6897, 48.6521 by changing the saturation by 10% instead.

 26.0721, 12.6897,
48.6521


 26.0721, 12.6897,
48.6521


275.3860,
208.9193, 397.9541

 17.0106, 7.2152,
33.9799


 52.8217, 30.7452,
89.5502


 10.3374, 3.5971,
22.6009


 71.2405, 44.0950,
116.6131


 5.6872, 1.4508,
14.0966


 93.5090, 60.8387,
148.6434

 2.6947, 0.2537,
8.0484

 119.9927, 81.3606,
186.0596

 0.9944, 0.0000,
4.0377

 151.0569,
106.0453, 229.2803

 0.0000, 0.0000,
1.6460

 187.0670,

 0.0000, 0.0000,

135.2770, 278.7239

0.3234

228.3882,
169.4402, 334.8090

■ 0.0000, 0.0000,
0.0000

■ 26.0721, 12.6897,
48.6521

■ 26.0721, 12.6897,
48.6521

■ 25.5059, 12.1002,
48.5683

■ 26.9073, 13.7508,
48.8131

■ 28.0458, 15.4105,
49.0734

■ 29.5294, 17.7517,
49.4471

■ 31.3927, 20.8438,
49.9458

■ 33.6663, 24.7477,
50.5795

■ 36.3774, 29.5180,
51.3573

■ 39.5511, 35.2046,
52.2877

■ 43.2103, 41.8536,
53.3782

■ 47.3766, 49.5078,
54.6360

Harmonies

Analogous

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



18.3180, 12.6897, 82.9868



26.0721, 12.6897, 48.6521



30.2063, 12.6897, 17.6612

Triad

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



26.0721, 12.6897, 48.6521



13.3378, 12.6897, 0.0000



3.6749, 12.6897, 35.8142

Complementary

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



26.0721, 12.6897, 48.6521



18.7447, 36.3474, 6.5587

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.



3.1914, 12.6897, 10.5754



26.0721, 12.6897, 48.6521



7.4210, 12.6897, 0.0000

Square

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



26.0721, 12.6897, 48.6521



21.2899, 12.6897, 0.0000



4.2625, 12.6897, 1.5152



5.9796, 12.6897, 71.8478

Rectangle

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



26.0721, 12.6897, 48.6521



29.5488, 12.6897, 6.4069



4.2625, 12.6897, 1.5152



3.3417, 12.6897, 25.4608

Sweetspot

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



26.0727, 12.6903, 48.6524



67.8486, 56.9188, 93.6366



9.8838, 4.9007, 48.0021



14.1889, 11.5242, 20.0191



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.



26.0727, 12.6903, 48.6524



46.1064, 21.8683, 88.0171



24.3060, 12.4392, 18.7640



9.8340, 9.6468, 12.0159



17.4012, 8.2567, 33.0695



0.7090, 0.3375, 1.2966

Inverse Universe

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



21.2287, 11.2083, 2.5589



37.7548, 19.4439, 2.6458



19.8707, 36.7482, 14.7255



9.5677, 9.5514, 10.1124



14.2117, 7.3158, 1.1423



0.5698, 0.2918, 0.1137

Previews

White Background



This preview shows how the XYZ color 26.0721, 12.6897, 48.6521 looks on a white background.

Color Contrast Check

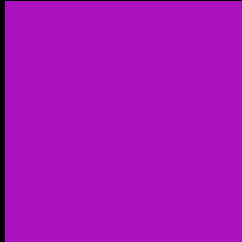
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0721, 12.6897, 48.6521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

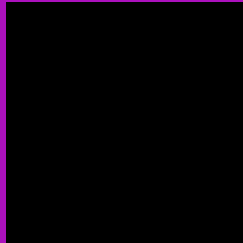
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0721, 12.6897, 48.6521

Background



This preview shows how black text looks on a background with the XYZ color 26.0721, 12.6897, 48.6521.



This preview shows how white text looks on a background with the XYZ color 26.0721, 12.6897,

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

26.0721, 12.6897, 48.6521

Protanopia

15.5083, 13.1916, 60.1214

Deuteranopia

13.5854, 13.2869, 43.4436



Tritanopia

18.0646, 12.8804, 9.1235

Trichromacy



Original Color

26.0721, 12.6897, 48.6521



Protanomaly

14.4235, 9.4039, 55.0878



Deuteranomaly

14.4956, 9.9494, 44.8725



Tritanomaly

19.7532, 11.7568, 18.6809

Monochromacy



Original Color

26.0721, 12.6897, 48.6521



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

12.0854, 8.1532, 19.0259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0721, 12.6897, 48.6521 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(171, 17, 188)` looks like.

```
.text, #text, p{  
    color:rgb(171, 17, 188)  
}
```

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(171, 17, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 17, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.0721, 12.6897, 48.6521 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(171, 17, 188) }
```


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

```
.border{ border-color:rgb(171, 17, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 17, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 17, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 17, 188);  
box-shadow:4px 4px 4px 4px rgb(171, 17,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0721, 12.6897, 48.6521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 17, 188) }
```

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

```
.background{ background-color: rgb(171, 17,  
188) }
```

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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