

Converting Colors

XYZ(26.2495, 13.5445, 37.3069)

Have a look what the booklet for
XYZ(26.2495, 13.5445, 37.3069)
contains.

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Color

**XYZ(26.2492, 13.5442,
37.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	B421A6
RGB	180, 33, 166
RGB Percent	71%, 13%, 65%
CMY	0.2941, 0.8705, 0.3490
CMYK	0.00, 0.82, 0.08, 0.29
HSL	306°, 69%, 42%
HSV	306°, 82%, 71%
XYZ	26.2492, 13.5442, 37.3072
YIQ	92.1150, 44.9190, 72.5270

Conversions

Conversions Part 2

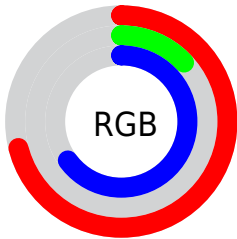
Format	Color
R_{YB}	180, 33, 166
Decimal	11805094
CIE _{Lab}	43.57, 68.83, -37.24
CIE _{LCh}	44, 78.261, 331.586
Yxy	13.5442, 0.3405, 0.1757
Android (android.graphics.Color)	4289995174 (0xFFB421A6)
YUV	92.1150, 36.4253, 77.0751
Hunter-Lab	36.8024, 62.9101, -34.3415

Details

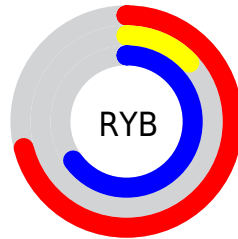
The XYZ color **26.2492, 13.5442, 37.3072** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **17.4623, 33.1717, 8.1728**, and the grayscale version is **10.1119, 10.6385, 11.5853**.

A 20% lighter version of the original color is **53.1491, 32.3600, 72.5521**, and **11.1490, 5.4032, 16.0781** is the 20% darker color. If you saturate the color by 10%, you get **25.7203, 12.7360, 36.3602**, and if you desaturate by 10%, it is **27.0482, 14.8885, 38.3548**.

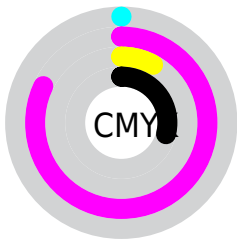
Distribution



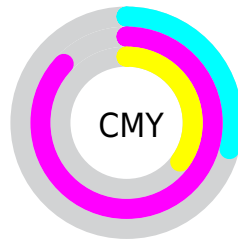
- Red (71%)
- Green (13%)
- Blue (65%)



- Red (71%)
- Yellow (13%)
- Blue (65%)



- Cyan (0%)
- Magenta (82%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (87%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2492, 13.5442, 37.3072 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 26.2492, 13.5442, 37.3072 by changing the saturation by 10% instead.


 26.2492, 13.5442,
37.3072


 26.2492, 13.5442,
37.3072


276.2376,
214.3765, 349.8473


 17.1438, 7.8043,
25.1478


 53.1051, 32.2781,
72.2366


 10.4330, 3.9700,
15.9672


 71.5864, 46.0409,
95.8437


 5.7515, 1.6568,
9.3468


 93.9237, 63.2467,
124.1037

 2.7338, 0.3954,
4.8682

 120.4823, 84.2801,
157.4353

 1.0146, 0.0000,
2.1128

 151.6277,
109.5254, 196.2568

 0.0000, 0.0000,
0.6233

 187.7251,

 0.0000, 0.0000,

139.3670, 240.9870

0.0000

229.1399,
174.1892, 292.0443

■ 26.2492, 13.5442,
37.3072

■ 26.2492, 13.5442,
37.3072

■ 25.7203, 12.7360,
36.3602

■ 27.0482, 14.8885,
38.3548

■ 25.4206, 12.3426,
35.6254

■ 28.1532, 16.8416,
39.5147

■ 29.5960, 19.4672,
40.7976

■ 31.4043, 22.8203,
42.2128

■ 33.6028, 26.9503,
43.7686

■ 36.2139, 31.9022,
45.4725

■ 39.2586, 37.7177,
47.3314

■ 42.7562, 44.4356,
49.3520

■ 46.7249, 52.0923,
51.5402

Harmonies

Analogous

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



20.0751, 13.5442, 66.1359



26.2492, 13.5442, 37.3072



28.5884, 13.5442, 13.8341

Triad

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



26.2492, 13.5442, 37.3072



12.5504, 13.5442, 0.0000



5.2244, 13.5442, 40.3879

Complementary

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



26.2492, 13.5442, 37.3072



17.4623, 33.1717, 8.1728

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.



4.3279, 13.5442, 15.6999



26.2492, 13.5442, 37.3072



7.6400, 13.5442, 0.5913

Square

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



26.2492, 13.5442, 37.3072



19.3260, 13.5442, 0.4399



5.0479, 13.5442, 3.8195



8.0454, 13.5442, 68.7051

Rectangle

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



26.2492, 13.5442, 37.3072



27.2136, 13.5442, 5.4972



5.0479, 13.5442, 3.8195



4.7371, 13.5442, 30.9503

Sweetspot

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



26.2497, 13.5449, 37.3075



64.2844, 55.2233, 81.5735



9.8761, 4.9474, 43.6149



13.5321, 11.2489, 17.3955



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.



26.2497, 13.5449, 37.3075



46.1524, 22.4850, 64.6600



21.3986, 11.6044, 11.7621



8.8144, 8.6325, 10.5213



17.7553, 8.6197, 24.9351



0.5687, 0.2752, 0.8375

Inverse Universe

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



26.2497, 13.5449, 37.3075



46.1524, 22.4850, 64.6600



20.2640, 34.2924, 22.9267



8.8144, 8.6325, 10.5213



17.7553, 8.6197, 24.9351



0.5687, 0.2752, 0.8375

Previews

White Background



This preview shows how the XYZ color 26.2492, 13.5442, 37.3072 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 26.2492, 13.5442, 37.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

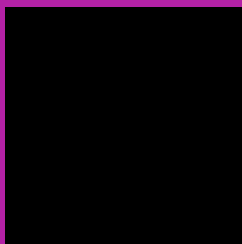
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2492, 13.5442, 37.3072

Background



This preview shows how black text looks on a background with the XYZ color 26.2492, 13.5442, 37.3072.



This preview shows how white text looks on a background with the XYZ color 26.2492, 13.5442,

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

26.2492, 13.5442, 37.3072

Protanopia

16.5674, 13.9184, 64.7641

Deuteranopia

14.2606, 13.9972, 33.8484



Tritanopia

20.3178, 13.6724, 8.2248

Trichromacy



Original Color

26.2492, 13.5442, 37.3072



Protanomaly

14.7282, 10.2782, 53.4322



Deuteranomaly

16.2720, 11.6998, 34.6584



Tritanomaly

21.6255, 13.0076, 15.5583

Monochromacy



Original Color

26.2492, 13.5442, 37.3072



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

13.8952, 10.1235, 18.6744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2492, 13.5442, 37.3072 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, 33, 166)` looks like.

```
.text, #text, p{  
    color:rgb(180, 33, 166)  
}
```

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, 33, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 33, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.2492, 13.5442, 37.3072 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, 33, 166) }
```


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

```
.border{ border-color:rgb(180, 33, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 33, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 33, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 33, 166); box-shadow:4px 4px 4px 4px rgb(180, 33, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2492, 13.5442, 37.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 33, 166) }
```

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

```
.background{ background-color: rgb(180, 33,  
166) }
```

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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