

Converting Colors

XYZ(28.2333, 20.7306, 35.7722)

Have a look what the booklet for
XYZ(28.2333, 20.7306, 35.7722)
contains.

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Color

**XYZ(28.2324, 20.7297,
35.7709)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AD65A0 |
| RGB | 173, 101, 160 |
| RGB Percent | 68%, 40%, 63% |
| CMY | 0.3216, 0.6039, 0.3725 |
| CMYK | 0.00, 0.42, 0.08, 0.32 |
| HSL | 311°, 31%, 54% |
| HSV | 311°, 42%, 68% |
| XYZ | 28.2324, 20.7297, 35.7709 |
| YIQ | 129.2540, 23.9730, 33.6130 |

Conversions

Conversions Part 2

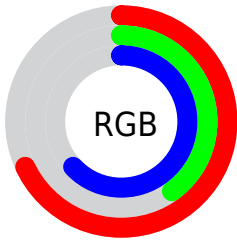
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 173, 101, 160 |
| Decimal | 11363744 |
| CIE _{Lab} | 52.65, 37.70, -19.64 |
| CIE _{LCh} | 53, 42.503, 332.484 |
| Yxy | 20.7297, 0.3332, 0.2446 |
| Android (android.graphics.Color) | 4289553824 (0xFFAD65A0) |
| YUV | 129.2540, 15.1578, 38.3652 |
| Hunter-Lab | 45.5299, 31.0079, -14.7107 |

Details

The XYZ color **28.2324, 20.7297, 35.7709** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.3486, 33.8694, 21.2278**, and the grayscale version is **20.8985, 21.9869, 23.9437**.

A 20% lighter version of the original color is **56.4545, 44.8405, 69.9696**, and **11.4983, 7.3723, 15.0043** is the 20% darker color. If you saturate the color by 10%, you get **26.4564, 17.6093, 33.8477**, and if you desaturate by 10%, it is **30.3701, 24.5619, 37.8490**.

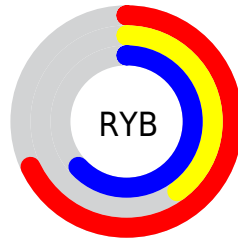
Distribution



Red (68%)

Green (40%)

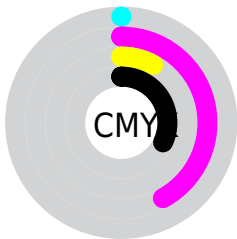
Blue (63%)



Red (68%)

Yellow (40%)

Blue (63%)

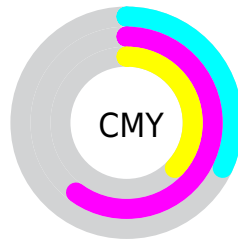


Cyan (0%)

Magenta (42%)

Yellow (8%)

Black (32%)



Cyan (32%)


Magenta (60%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2324, 20.7297, 35.7709 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 28.2324, 20.7297, 35.7709 by changing the saturation by 10% instead.


 28.2324, 20.7297,
35.7709


 28.2324, 20.7297,
35.7709


285.6357,
255.8385, 342.9652

 18.6423, 12.9266,
23.9690


 56.2613, 44.6372,
69.8434

 11.5145, 7.3780,
15.0987


 75.4308, 61.5104,
92.9510

 6.4839, 3.6996,
8.7413


 98.5241, 82.1758,
120.6644

 3.1849, 1.5070,
4.4783

 125.9067,
107.0177, 153.4019

 1.2523, 0.2936,
1.8912

157.9437,
136.4205, 191.5823

 0.1471, 0.0000,
0.4871

195.0007,

 0.0000, 0.0000,

170.7686, 235.6239

0.0000

237.4429,
210.4465, 285.9453

■ 28.2324, 20.7297,
35.7709

■ 28.2324, 20.7297,
35.7709

■ 26.4564, 17.6093,
33.8477

■ 30.3701, 24.5619,
37.8490

■ 25.0178, 15.1530,
32.0703

■ 32.8880, 29.1438,
40.0878

■ 23.8922, 13.3120,
30.4307

■ 35.8058, 34.5142,
42.4942

■ 23.0512, 12.0293,
28.9191

■ 39.1410, 40.7083,
45.0744

■ 22.4609, 11.2374,
27.5239

■ 42.9102, 47.7591,
47.8341

■ 22.0984, 10.8302,
26.4235

■ 47.1292, 55.6980,
50.7787

■ 51.8127, 64.5546,
53.9135

■ 56.9750, 74.3572,
57.2435

■ 62.0832, 84.0401,
60.5911

Harmonies

Analogous

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



24.6234, 20.7297, 49.9212



28.2324, 20.7297, 35.7709



29.4603, 20.7297, 21.5336

Triad

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



28.2324, 20.7297, 35.7709



19.3373, 20.7297, 5.9518



13.3740, 20.7297, 38.3098

Complementary

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



28.2324, 20.7297, 35.7709



23.3486, 33.8694, 21.2278

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.



12.3799, 20.7297, 23.6414



28.2324, 20.7297, 35.7709



15.4860, 20.7297, 7.6461

Square

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



28.2324, 20.7297, 35.7709



23.8913, 20.7297, 7.1454



13.0918, 20.7297, 13.0984



16.0352, 20.7297, 51.7316

Rectangle

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



28.2324, 20.7297, 35.7709



28.6347, 20.7297, 14.4911



13.0918, 20.7297, 13.0984



12.8534, 20.7297, 33.2049

Sweetspot

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



28.2331, 20.7306, 35.7713



63.7953, 61.2013, 75.8402



19.0076, 15.8364, 41.5904



13.7154, 13.0257, 16.3622



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.2331, 20.7306, 35.7713



47.5968, 31.9102, 60.8657



25.5897, 19.6733, 21.8517



8.2741, 8.1229, 9.7542



16.2536, 7.9640, 19.5127



0.4681, 0.2279, 0.6268

Inverse Universe

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



28.2331, 20.7306, 35.7713



47.5968, 31.9102, 60.8657



25.7360, 34.8243, 33.7999



8.2741, 8.1229, 9.7542



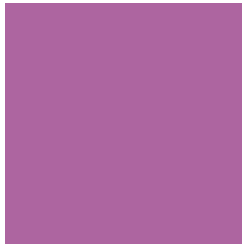
16.2536, 7.9640, 19.5127



0.4681, 0.2279, 0.6268

Previews

White Background



This preview shows how the XYZ color 28.2324, 20.7297, 35.7709 looks on a white 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

Black Background



This preview shows how the XYZ color 28.2324, 20.7297, 35.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

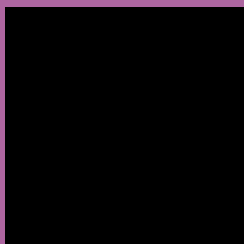
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2324, 20.7297, 35.7709

Background



This preview shows how black text looks on a background with the XYZ color 28.2324, 20.7297, 35.7709.



This preview shows how white text looks on a background with the XYZ color 28.2324, 20.7297,

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

28.2324, 20.7297, 35.7709

Protanopia

21.5739, 20.9046, 44.4929

Deuteranopia

21.2521, 20.7772, 34.3428



Tritanopia

24.9944, 20.7847, 19.8340

Trichromacy



Original Color

28.2324, 20.7297, 35.7709

Protanomaly

23.2689, 20.4176, 41.2427

Deuteranomaly

23.2010, 20.3585, 34.6050

Tritanomaly

26.0689, 20.7549, 24.8224

Monochromacy



Original Color

28.2324, 20.7297, 35.7709

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.0075, 21.1068, 27.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2324, 20.7297, 35.7709 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(173, 101, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 101, 160)  
}
```

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(173, 101, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 101, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.2324, 20.7297, 35.7709 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(173, 101, 160) }
```


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

```
.border{ border-color:rgb(173, 101, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 101, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 101, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 101, 160); box-shadow:4px 4px 4px 4px rgb(173, 101, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2324, 20.7297, 35.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 101, 160) }
```

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

```
.background{ background-color: rgb(173,  
101, 160) }
```

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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