

Converting Colors

XYZ(41.6471, 33.1757, 25.8885)

Have a look what the booklet for
XYZ(41.6471, 33.1757, 25.8885)
contains.

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Color

**XYZ(41.6295, 33.2285,
26.0494)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8484
RGB	219, 132, 132
RGB Percent	86%, 52%, 52%
CMY	0.1412, 0.4823, 0.4823
CMYK	0.00, 0.40, 0.40, 0.14
HSL	0°, 55%, 69%
HSV	0°, 40%, 86%
XYZ	41.6295, 33.2285, 26.0494
YIQ	158.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

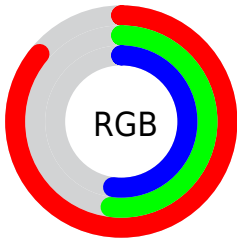
Format	Color
RYB	219, 132, 132
Decimal	14386308
CIELab	64.35, 33.40, 14.37
CIElCh	64, 36.358, 23.278
Yxy	33.2285, 0.4126, 0.3293
Android (android.graphics.Color)	4292576388 (0xFFDB8484)
YUV	158.0130, -12.8244, 53.4856
Hunter-Lab	57.6442, 28.0319, 13.5578

Details

The XYZ color **41.6295, 33.2285, 26.0494** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.6322, 60.6804, 76.2198**, and the grayscale version is **32.5459, 34.2409, 37.2883**.

A 20% lighter version of the original color is **67.5559, 59.8806, 53.8965**, and **19.2017, 14.0865, 9.8905** is the 20% darker color. If you saturate the color by 10%, you get **37.6209, 27.3630, 18.0794**, and if you desaturate by 10%, it is **46.5777, 40.4696, 35.8851**.

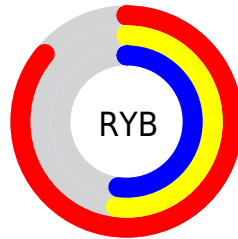
Distribution



Red (86%)

Green (52%)

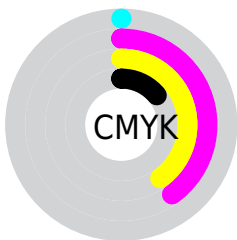
Blue (52%)



Red (86%)

Yellow (52%)

Blue (52%)

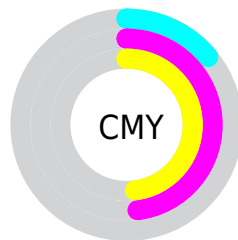


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6295, 33.2285, 26.0494 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 41.6295, 33.2285, 26.0494 by changing the saturation by 10% instead.


 41.6295, 33.2285,
26.0494


 41.6295, 33.2285,
26.0494

343.9626,
316.6781, 296.6377

 29.0011, 22.3015,
16.6345


 76.9073, 64.7321,
54.3397

 19.2260, 14.0786,
9.8151


 100.2874, 86.0776,
74.0522

 11.9386, 8.1754,
5.1725


 127.9821,
111.6646, 98.0343

 6.7738, 4.2074,
2.2883

160.3568,
141.8777, 126.7045

 3.3661, 1.7902,
0.7247

197.7769,
177.1012, 160.4814

 1.3502, 0.4811,
0.0000

240.6076,

 0.2203, 0.0000,

217.7195, 199.7835

0.0000

289.2144,
264.1170, 245.0295

■ 0.0000, 0.0000,
0.0000

■ 41.6295, 33.2285,
26.0494

■ 41.6295, 33.2285,
26.0494

■ 37.6209, 27.3630,
18.0794

■ 46.5777, 40.4696,
35.8851

■ 34.4900, 22.7817,
11.8557

■ 52.5170, 49.1604,
47.6921

■ 32.1720, 19.3897,
7.2478

■ 59.4980, 59.3756,
61.5701

■ 30.5916, 17.0771,
4.1064

■ 67.5674, 71.1834,
77.6119

■ 29.6599, 15.7135,
2.2544

■ 76.7689, 84.6477,
95.9044

■ 29.2233, 15.0747,
1.3867

■ 83.0234, 93.8000,
108.3372

■ 29.2135, 15.0603,
1.3672

Harmonies

Analogous

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



42.5271, 33.2285, 39.6181



41.6295, 33.2285, 26.0494



37.9115, 33.2285, 17.8129

Triad

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



41.6295, 33.2285, 26.0494



24.2618, 33.2285, 21.6799



30.4327, 33.2285, 72.4870

Complementary

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



41.6295, 33.2285, 26.0494



47.6322, 60.6804, 76.2198

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.



26.0006, 33.2285, 64.1549



41.6295, 33.2285, 26.0494



22.6982, 33.2285, 32.9471

Square

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



41.6295, 33.2285, 26.0494



27.8125, 33.2285, 15.8137



23.2982, 33.2285, 48.6464



35.6791, 33.2285, 69.1649

Rectangle

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



41.6295, 33.2285, 26.0494



34.5320, 33.2285, 15.1806



23.2982, 33.2285, 48.6464



28.8063, 33.2285, 70.8955

Sweetspot

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



41.6304, 33.2301, 26.0500



81.5126, 80.1911, 81.9880



50.2509, 36.6773, 71.4486



17.1609, 16.7454, 16.9798



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.6304, 33.2301, 26.0500



53.7799, 39.6101, 26.8567



48.8059, 47.5811, 28.4419



13.0562, 13.0517, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



47.6322, 60.6804, 76.2198



63.4176, 83.6896, 107.4190



37.7296, 40.8752, 72.9189



13.4449, 14.8295, 16.8059



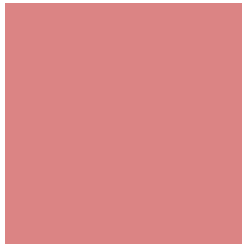
22.6001, 33.0696, 44.9303



1.4642, 2.1425, 2.9108

Previews

White Background



This preview shows how the XYZ color 41.6295, 33.2285, 26.0494 looks on a white background.

Color Contrast Check

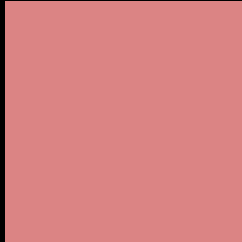
Large Text (above 18pt) WCAG AA × Fail

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 41.6295, 33.2285, 26.0494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

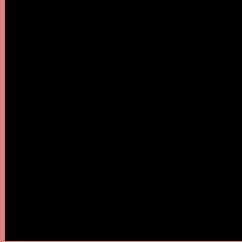
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6295, 33.2285, 26.0494

Background



This preview shows how black text looks on a background with the XYZ color 41.6295, 33.2285, 26.0494.



This preview shows how white text looks on a background with the XYZ color 41.6295, 33.2285,

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

41.6295, 33.2285, 26.0494

Protanopia

31.8228, 33.4719, 31.1690

Deuteranopia

33.9248, 33.2214, 25.3932



Tritanopia

42.3651, 33.3417, 29.0136

Trichromacy



Original Color

41.6295, 33.2285, 26.0494

Protanomaly

34.6958, 32.8282, 29.3187

Deuteranomaly

36.3574, 32.8587, 25.5452

Tritanomaly

42.1469, 33.2544, 27.8643

Monochromacy



Original Color

41.6295, 33.2285, 26.0494

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.9947, 33.3681, 33.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6295, 33.2285, 26.0494 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(219, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 132)  
}
```

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(219, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 132) }
```

Border

The CSS property to change the border of an element to XYZ 41.6295, 33.2285, 26.0494 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(219, 132, 132) }
```


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

```
.border{ border-color:rgb(219, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6295, 33.2285, 26.0494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 132) }
```

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

```
.background{ background-color: rgb(219,  
132, 132) }
```

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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