

Converting Colors

XYZ(41.4622, 32.5549, 25.5711)

Have a look what the booklet for
XYZ(41.4622, 32.5549, 25.5711)
contains.

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Color

**XYZ(41.4622, 32.5549,
25.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8183
RGB	220, 129, 131
RGB Percent	86%, 51%, 51%
CMY	0.1373, 0.4941, 0.4863
CMYK	0.00, 0.41, 0.40, 0.14
HSL	359°, 57%, 68%
HSV	359°, 41%, 86%
XYZ	41.4622, 32.5549, 25.5711
YIQ	156.4370, 53.5940, 19.9140

Conversions

Conversions Part 2

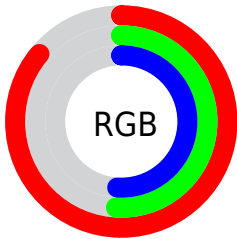
Format	Color
R _Y B	220, 129, 131
Decimal	14451075
CIE Lab	63.80, 35.24, 14.19
CIE LCh	64, 37.994, 21.931
Yxy	32.5549, 0.4163, 0.3269
Android (android.graphics.Color)	4292641155 (0xFFDC8183)
YUV	156.4370, -12.5404, 55.7448
Hunter-Lab	57.0569, 29.8631, 13.3679

Details

The XYZ color **41.4622, 32.5549, 25.5711** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.3030, 60.9162, 75.5982**, and the grayscale version is **31.8337, 33.4915, 36.4722**.

A 20% lighter version of the original color is **66.8252, 58.5877, 53.1339**, and **19.1477, 13.7394, 9.6254** is the 20% darker color. If you saturate the color by 10%, you get **37.5599, 26.8469, 17.8071**, and if you desaturate by 10%, it is **46.2929, 39.6349, 35.1393**.

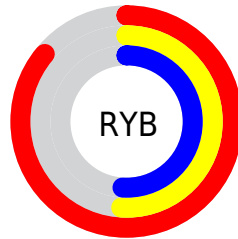
Distribution



Red (86%)

Green (51%)

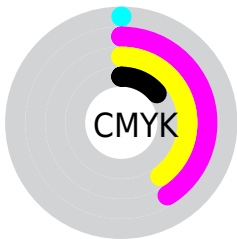
Blue (51%)



Red (86%)

Yellow (51%)

Blue (51%)

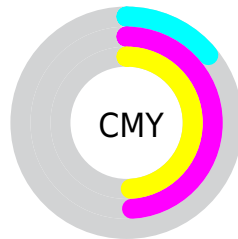


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (14%)



Cyan (14%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4622, 32.5549, 25.5711 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 41.4622, 32.5549, 25.5711 by changing the saturation by 10% instead.


 41.4622, 32.5549,
25.5711


 41.4622, 32.5549,
25.5711


343.2784,
313.6393, 294.2084

 28.8697, 21.7857,
16.2802


 76.6553, 63.6800,
53.5578

 19.1260, 13.6995,
9.5661


 99.9866, 84.8047,
73.0906

 11.8659, 7.9120,
5.0104


 127.6282,
110.1499, 96.8745

 6.7240, 4.0387,
2.1945

159.9455,
140.1002, 125.3279

 3.3349, 1.6952,
0.6712

197.3038,
175.0399, 158.8695

 1.3332, 0.4206,
0.0000

240.0685,

 0.2079, 0.0000,

215.3534, 197.9178

0.0000

288.6049,
261.4250, 242.8912

■ 0.0000, 0.0000,
0.0000

■ 41.4622, 32.5549,
25.5711

■ 41.4622, 32.5549,
25.5711

■ 37.5599, 26.8469,
17.8071

■ 46.2929, 39.6349,
35.1393

■ 34.5242, 22.4176,
11.7324

■ 52.1035, 48.1626,
46.6132

■ 32.2896, 19.1700,
7.2220

■ 58.9448, 58.2139,
60.0885

■ 30.7806, 16.9909,
4.1328

■ 66.8634, 69.8581,
75.6546

■ 29.9070, 15.7451,
2.2953

■ 75.9029, 83.1601,
93.3949

■ 29.5416, 15.2262,
1.5204

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



42.2456, 32.5549, 39.7306



41.4622, 32.5549, 25.5711



37.7055, 32.5549, 16.9896

Triad

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



41.4622, 32.5549, 25.5711



23.5516, 32.5549, 20.2476



29.5254, 32.5549, 73.1966

Complementary

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



41.4622, 32.5549, 25.5711



47.3030, 60.9162, 75.5982

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.



25.0407, 32.5549, 63.9564



41.4622, 32.5549, 25.5711



21.8600, 32.5549, 31.4825

Square

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



41.4622, 32.5549, 25.5711



27.2686, 32.5549, 14.5881



22.3720, 32.5549, 47.5849



34.9323, 32.5549, 70.2620

Rectangle

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



41.4622, 32.5549, 25.5711



34.2330, 32.5549, 14.2168



22.3720, 32.5549, 47.5849



27.8698, 32.5549, 71.3356

Sweetspot

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



41.4630, 32.5565, 25.5717



81.6035, 80.2267, 82.4691



49.3747, 35.6161, 71.9823



17.1820, 16.7537, 17.0918



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.



41.4630, 32.5565, 25.5717



52.9432, 38.1879, 25.8035



48.1299, 46.1045, 27.1334



13.0676, 13.0561, 13.6170



17.3430, 8.9382, 0.9203



1.1277, 0.5807, 0.0815

Inverse Universe

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



41.4630, 32.5565, 25.5717



52.9432, 38.1879, 25.8035



37.8007, 41.4915, 73.7264



13.0676, 13.0561, 13.6170



17.3430, 8.9382, 0.9203



1.1277, 0.5807, 0.0815

Previews

White Background



This preview shows how the XYZ color 41.4622, 32.5549, 25.5711 looks on a white background.

Color Contrast Check

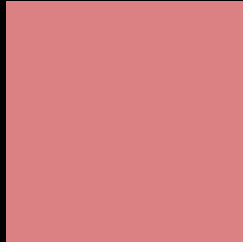
Large Text (above 18pt) WCAG AA × Fail

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 41.4622, 32.5549, 25.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

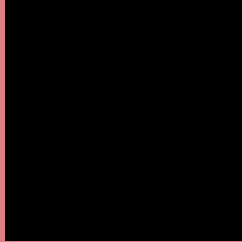
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4622, 32.5549, 25.5711

Background



This preview shows how black text looks on a background with the XYZ color 41.4622, 32.5549, 25.5711.



This preview shows how white text looks on a background with the XYZ color 41.4622, 32.5549,

25.5711.

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

41.4622, 32.5549, 25.5711

Protanopia

31.0868, 32.5984, 31.0392

Deuteranopia

33.4006, 32.7305, 24.6359



Tritanopia

42.0533, 32.6166, 27.7461

Trichromacy



Original Color

41.4622, 32.5549, 25.5711

Protanomaly

34.0770, 32.0600, 28.8182

Deuteranomaly

36.0750, 32.5066, 24.7951

Tritanomaly

41.9111, 32.5598, 26.9974

Monochromacy



Original Color

41.4622, 32.5549, 25.5711

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.1358, 32.2481, 32.0291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4622, 32.5549, 25.5711 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(220, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(220, 129, 131)  
}
```

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(220, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 129, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.4622, 32.5549, 25.5711 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(220, 129, 131) }
```


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

```
.border{ border-color:rgb(220, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(220, 129,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4622, 32.5549, 25.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 129, 131) }
```

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

```
.background{ background-color: rgb(220,  
129, 131) }
```

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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