

Converting Colors

XYZ(44.0672, 32.8631, 56.2207)

Have a look what the booklet for
XYZ(44.0672, 32.8631, 56.2207)
contains.

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Color

**XYZ(44.1315, 32.8659,
56.2423)**

Conversions

Conversions Part 1

Format	Color
Hex	D27FC4
RGB	210, 127, 196
RGB Percent	82%, 50%, 77%
CMY	0.1765, 0.5019, 0.2314
CMYK	0.00, 0.40, 0.07, 0.18
HSL	310°, 48%, 66%
HSV	310°, 40%, 82%
XYZ	44.1315, 32.8659, 56.2423
YIQ	159.6830, 27.3190, 39.0550

Conversions

Conversions Part 2

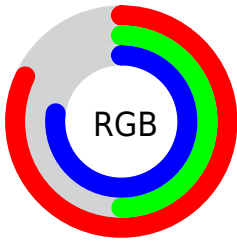
Format	Color
R _Y B	210, 127, 196
Decimal	13795268
CIE Lab	64.05, 42.12, -22.45
CIE LCh	64, 47.731, 331.943
Yxy	32.8659, 0.3312, 0.2467
Android (android.graphics.Color)	4291985348 (0xFFD27FC4)
YUV	159.6830, 17.9043, 44.1280
Hunter-Lab	57.3288, 37.0833, -18.0362

Details

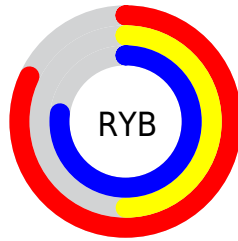
The XYZ color **44.1315, 32.8659, 56.2423** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.6081, 52.5293, 33.4111**, and the grayscale version is **33.1802, 34.9081, 38.0150**.

A 20% lighter version of the original color is **75.4935, 61.3996, 100.8009**, and **20.7250, 13.8552, 27.1732** is the 20% darker color. If you saturate the color by 10%, you get **41.2985, 27.8370, 53.3322**, and if you desaturate by 10%, it is **47.5413, 39.0320, 59.3923**.

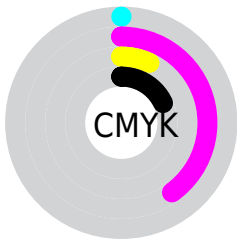
Distribution



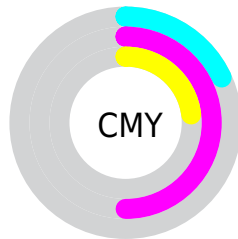
- Red (82%)
- Green (50%)
- Blue (77%)



- Red (82%)
- Yellow (50%)
- Blue (77%)



- Cyan (0%)
- Magenta (40%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1315, 32.8659, 56.2423 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 44.1315, 32.8659, 56.2423 by changing the saturation by 10% instead.


 44.1315, 32.8659,
56.2423


 44.1315, 32.8659,
56.2423

354.0878,
315.0450, 428.0179


 30.9723, 22.0237,
39.9919


 80.6607, 64.1661,
100.8481

 20.7294, 13.8743,
27.2185


 104.7614, 85.3929,
130.0406

 13.0377, 8.0333,
17.5035


 133.2399,
110.8501, 164.3842

 7.5317, 4.1163,
10.4284

166.4616,
140.9220, 204.2975

 3.8461, 1.7388,
5.5746

204.7919,
175.9931, 250.1989

 1.6154, 0.4486,
2.5236

248.5962,

 0.4024, 0.0000,

216.4477, 302.5071

0.8526

298.2397,
262.6702, 361.6406

■ 0.0000, 0.0000,
0.0000

■ 44.1315, 32.8659,
56.2423

■ 44.1315, 32.8659,
56.2423

■ 41.2985, 27.8370,
53.3322

■ 47.5413, 39.0320,
59.3923

■ 39.0037, 23.8700,
50.6479

■ 51.5573, 46.3956,
62.7913

■ 37.2087, 20.8877,
48.1765

■ 56.2103, 55.0178,
66.4502

■ 35.8687, 18.8003,
45.9028

■ 61.5284, 64.9547,
70.3788

■ 34.9305, 17.5017,
43.8087

■ 67.5378, 76.2585,
74.5860

■ 34.3025, 16.8088,
41.8633

■ 74.2633, 88.9790,
79.0805

■ 34.2750, 16.7803,
41.7722

■ 75.3628, 90.4315,
81.7484

■ 75.8394, 90.6221,
84.2578

■ 76.3259, 90.8167,
86.8200

Harmonies

Analogous

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



38.6110, 32.8659, 77.4399



44.1315, 32.8659, 56.2423



46.0679, 32.8659, 34.5413

Triad

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



44.1315, 32.8659, 56.2423



30.8006, 32.8659, 10.0272



21.4783, 32.8659, 59.2414

Complementary

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



44.1315, 32.8659, 56.2423



36.6081, 52.5293, 33.4111

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.



19.9906, 32.8659, 37.0590



44.1315, 32.8659, 56.2423



24.8691, 32.8659, 12.6216

Square

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



44.1315, 32.8659, 56.2423



37.7408, 32.8659, 12.0036



21.1377, 32.8659, 21.0093



25.5288, 32.8659, 79.5651

Rectangle

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



44.1315, 32.8659, 56.2423



44.8713, 32.8659, 23.6274



21.1377, 32.8659, 21.0093



20.6905, 32.8659, 51.5292

Sweetspot

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



44.1325, 32.8674, 56.2430



85.2332, 81.6786, 101.5828



30.1799, 25.4817, 64.3012



18.0344, 17.0946, 21.5804



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.



44.1325, 32.8674, 56.2430



64.8890, 44.6155, 83.6246



40.0574, 31.2373, 34.7836



12.2216, 11.9734, 14.4428



20.9394, 10.2486, 25.6507



1.1940, 0.5823, 1.5566

Inverse Universe

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



44.1325, 32.8674, 56.2430



64.8890, 44.6155, 83.6246



40.2782, 53.9974, 52.7377



12.2216, 11.9734, 14.4428



20.9394, 10.2486, 25.6507



1.1940, 0.5823, 1.5566

Previews

White Background



This preview shows how the XYZ color 44.1315, 32.8659, 56.2423 looks on a white background.

Color Contrast Check

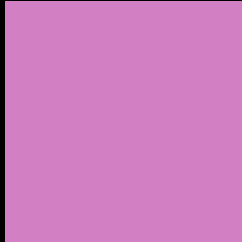
Large Text (above 18pt) WCAG AA × Fail

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 44.1315, 32.8659, 56.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

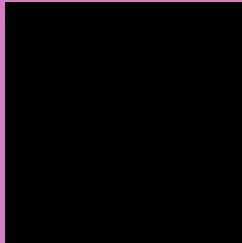
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1315, 32.8659, 56.2423

Background



This preview shows how black text looks on a background with the XYZ color 44.1315, 32.8659, 56.2423.



This preview shows how white text looks on a background with the XYZ color 44.1315, 32.8659,

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

44.1315, 32.8659, 56.2423

Protanopia

34.2668, 33.3874, 69.6041

Deuteranopia

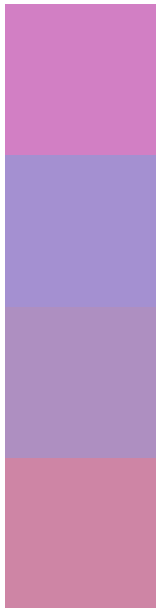
33.7691, 32.9904, 53.8782



Tritanopia

39.1140, 32.8353, 31.8801

Trichromacy



Original Color

44.1315, 32.8659, 56.2423

Protanomaly

36.7917, 32.4425, 64.6445

Deuteranomaly

36.9037, 32.4938, 54.7790

Tritanomaly

40.6327, 32.6135, 39.7508

Monochromacy



Original Color

44.1315, 32.8659, 56.2423

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.4928, 33.6619, 44.1092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1315, 32.8659, 56.2423 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(210, 127, 196)` looks like.

```
.text, #text, p{  
    color:rgb(210, 127, 196)  
}
```

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(210, 127, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 127, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.1315, 32.8659, 56.2423 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(210, 127, 196) }
```


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

```
.border{ border-color:rgb(210, 127, 196) }
```

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

Here you see how a box with a 4 pixel rgb(210, 127, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 127, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 127, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 127,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1315, 32.8659, 56.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 127, 196) }
```

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

```
.background{ background-color: rgb(210,  
127, 196) }
```

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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