

Converting Colors

XYZ(44.6332, 32.2735, 55.7190)

Have a look what the booklet for
XYZ(44.6332, 32.2735, 55.7190)
contains.

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Color

**XYZ(44.5414, 32.1553,
55.4888)**

Conversions

Conversions Part 1

Format	Color
Hex	D67AC3
RGB	214, 122, 195
RGB Percent	84%, 48%, 76%
CMY	0.1608, 0.5215, 0.2353
CMYK	0.00, 0.43, 0.09, 0.16
HSL	312°, 53%, 66%
HSV	312°, 43%, 84%
XYZ	44.5414, 32.1553, 55.4888
YIQ	157.8300, 31.3990, 42.2070

Conversions

Conversions Part 2

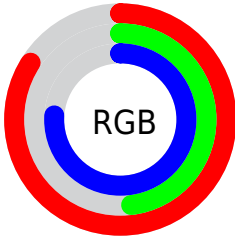
Format	Color
RYB	214, 122, 195
Decimal	14056131
CIELab	63.47, 45.82, -22.73
CIELCh	63, 51.151, 333.614
Yxy	32.1553, 0.3370, 0.2433
Android (android.graphics.Color)	4292246211 (0xFFD67AC3)
YUV	157.8300, 18.3248, 49.2611
Hunter-Lab	56.7056, 40.9741, -18.3237

Details

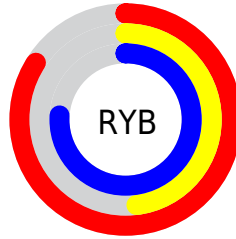
The XYZ color **44.5414, 32.1553, 55.4888** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.8817, 54.1548, 33.7104**, and the grayscale version is **32.3330, 34.0168, 37.0443**.

A 20% lighter version of the original color is **74.3360, 59.3389, 99.6311**, and **20.9025, 13.4715, 26.6979** is the 20% darker color. If you saturate the color by 10%, you get **41.7052, 27.2703, 52.1144**, and if you desaturate by 10%, it is **47.9730, 38.2062, 59.1353**.

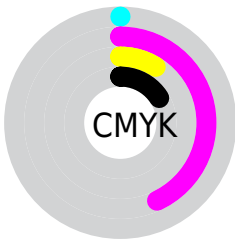
Distribution



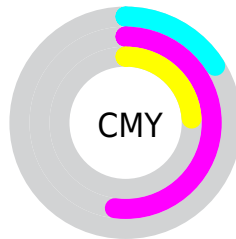
- Red (84%)
- Green (48%)
- Blue (76%)



- Red (84%)
- Yellow (48%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (16%)




- Cyan (16%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5414, 32.1553, 55.4888 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 44.5414, 32.1553, 55.4888 by changing the saturation by 10% instead.


 44.5414, 32.1553,
55.4888

 44.5414, 32.1553,
55.4888


355.7281,
311.8261, 425.0962


 31.2961, 21.4801,
39.3920


 81.2731, 63.0545,
99.7351

 20.9774, 13.4754,
26.7546


 105.4902, 84.0473,
128.7216

 13.2198, 7.7567,
17.1582


 134.0953,
109.2481, 162.8418

 7.6581, 3.9397,
10.1842

167.4538,
139.0413, 202.5141

 3.9269, 1.6399,
5.4141

205.9309,
173.8113, 248.1572

 1.6609, 0.3843,
2.4292

249.8921,

 0.4316, 0.0000,

213.9425, 300.1895

0.8023

299.7027,
259.8193, 359.0297

■ 0.0000, 0.0000,
0.0000

■ 44.5414, 32.1553,
55.4888

■ 44.5414, 32.1553,
55.4888

■ 41.7052, 27.2703,
52.1144

■ 47.9730, 38.2062,
59.1353

■ 39.4227, 23.4699,
48.9966

■ 52.0318, 45.4884,
63.0642

■ 37.6519, 20.6695,
46.1210


■ 56.7513, 54.0676,
67.2875

■ 36.3429, 18.7698,
43.4706


■ 62.1613, 64.0038,
71.8158


■ 35.4360, 17.6514,
41.0246


■ 68.2901, 75.3530,
76.6591

 34.9689, 17.1911,
39.4076

 75.1642, 88.1681,
81.8268

 77.2110, 91.3040,
85.4620

 77.8253, 91.5497,
88.6969

 78.4554, 91.8017,
92.0146

Harmonies

Analogous

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



38.7859, 32.1553, 78.8701



44.5414, 32.1553, 55.4888



46.3642, 32.1553, 32.5979

Triad

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



44.5414, 32.1553, 55.4888



29.7078, 32.1553, 8.6478



20.5198, 32.1553, 61.5135

Complementary

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



44.5414, 32.1553, 55.4888



36.8817, 54.1548, 33.7104

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.



18.8337, 32.1553, 37.5417



44.5414, 32.1553, 55.4888



23.5925, 32.1553, 11.4572

Square

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



44.5414, 32.1553, 55.4888



37.0601, 32.1553, 10.3231



19.8652, 32.1553, 20.3168



24.8728, 32.1553, 83.1938

Rectangle

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



44.5414, 32.1553, 55.4888



44.9022, 32.1553, 21.5366



19.8652, 32.1553, 20.3168



19.6559, 32.1553, 53.1841

Sweetspot

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



44.5424, 32.1568, 55.4895



84.2885, 80.2097, 99.9713



29.9814, 24.3860, 66.7458



17.6883, 16.5240, 21.0903



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.



44.5424, 32.1568, 55.4895



62.1988, 40.8575, 77.7260



40.1652, 30.4059, 32.4392



12.8380, 12.5867, 15.0873



21.1749, 10.4063, 24.0229



1.3055, 0.6390, 1.5981

Inverse Universe

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



44.5424, 32.1568, 55.4895



62.1988, 40.8575, 77.7260



40.9793, 55.7939, 55.2883



12.8380, 12.5867, 15.0873



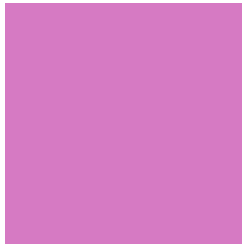
21.1749, 10.4063, 24.0229



1.3055, 0.6390, 1.5981

Previews

White Background



This preview shows how the XYZ color 44.5414, 32.1553, 55.4888 looks on a white background.

Color Contrast Check

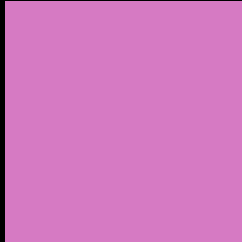
Large Text (above 18pt) WCAG AA × Fail

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 44.5414, 32.1553, 55.4888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

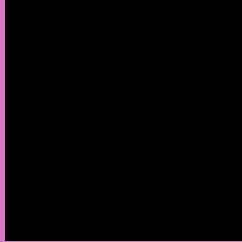
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5414, 32.1553, 55.4888

Background



This preview shows how black text looks on a background with the XYZ color 44.5414, 32.1553, 55.4888.



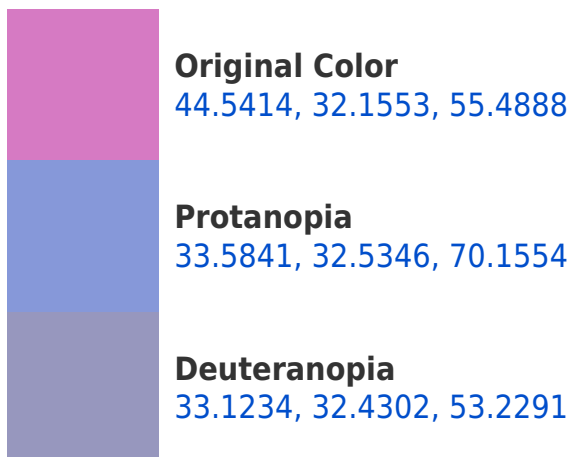
This preview shows how white text looks on a background with the XYZ color 44.5414, 32.1553,

55.4888.

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





Tritanopia

39.3579, 32.1681, 30.1213

Trichromacy



Original Color

44.5414, 32.1553, 55.4888



Protanomaly

36.1378, 31.4397, 64.4854



Deuteranomaly

36.3481, 31.5606, 54.0452



Tritanomaly

40.9502, 32.0108, 38.2028

Monochromacy



Original Color

44.5414, 32.1553, 55.4888



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.8362, 32.6560, 42.9426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5414, 32.1553, 55.4888 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(214, 122, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 122, 195)  
}
```

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(214, 122, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 122, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.5414, 32.1553, 55.4888 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(214, 122, 195) }
```


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

```
.border{ border-color:rgb(214, 122, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 122, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 122, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 122, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 122,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5414, 32.1553, 55.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 122, 195) }
```

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

```
.background{ background-color: rgb(214,  
122, 195) }
```

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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