

Converting Colors

XYZ(35.3443, 28.4713, 32.4868)

Have a look what the booklet for
XYZ(35.3443, 28.4713, 32.4868)
contains.

XYZ(35.3443, 28.4713, 32.4868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3443, 28.4713,
32.4868)**

Conversions

Conversions Part 1

Format	Color
Hex	C37D96
RGB	195, 125, 150
RGB Percent	76%, 49%, 59%
CMY	0.2353, 0.5098, 0.4118
CMYK	0.00, 0.36, 0.23, 0.24
HSL	339°, 37%, 63%
HSV	339°, 36%, 76%
XYZ	35.3443, 28.4713, 32.4868
YIQ	148.7800, 33.6950, 22.6150

Conversions

Conversions Part 2

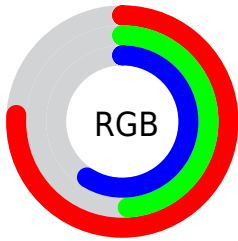
Format	Color
R_{YB}	195, 125, 150
Decimal	12811670
CIE Lab	60.31, 30.62, -2.07
CIE LCh	60, 30.692, 356.133
Yxy	28.4713, 0.3670, 0.2956
Android (android.graphics.Color)	4291001750 (0xFFC37D96)
YUV	148.7800, 0.6015, 40.5349
Hunter-Lab	53.3585, 24.8598, 1.2528

Details

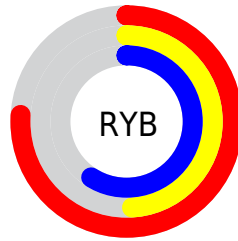
The XYZ color **35.3443, 28.4713, 32.4868** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2295, 46.2932, 45.1111**, and the grayscale version is **28.4629, 29.9452, 32.6104**.

A 20% lighter version of the original color is **67.3275, 57.0831, 64.5963**, and **15.5834, 11.5085, 13.2044** is the 20% darker color. If you saturate the color by 10%, you get **32.1577, 23.6279, 26.7077**, and if you desaturate by 10%, it is **39.1252, 34.3297, 38.9975**.

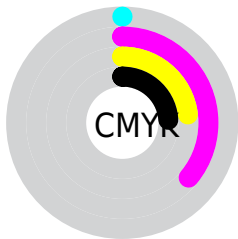
Distribution



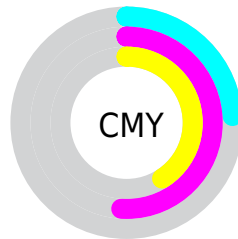
- Red (76%)
- Green (49%)
- Blue (59%)



- Red (76%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (24%)





- Cyan (24%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3443, 28.4713, 32.4868 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 35.3443, 28.4713, 32.4868 by changing the saturation by 10% instead.


 35.3443, 28.4713,
32.4868


 35.3443, 28.4713,
32.4868


317.5669,
294.7122, 327.8917


 24.0960, 18.6812,
21.4657


 67.3493, 57.2360,
64.6802

 15.5299, 11.4402,
13.2703

 88.8367, 76.9795,
86.6896

 9.2809, 6.3637,
7.4820


 114.4678,
100.8095, 113.1988

 4.9834, 3.0675,
3.6824

144.6081,
129.1105, 144.6265

 2.2722, 1.1671,
1.4528

179.6227,
162.2669, 181.3910

 0.7804, 0.0346,
0.1824

219.8772,

 0.0000, 0.0000,

200.6630, 223.9110

0.0000

265.7368,
244.6833, 272.6051

■ 35.3443, 28.4713,
32.4868

■ 35.3443, 28.4713,
32.4868

■ 32.1577, 23.6279,
26.7077

■ 39.1252, 34.3297,
38.9975

■ 29.5310, 19.7373,
21.6311

■ 43.5272, 41.2529,
46.2638

■ 27.4301, 16.7364,
17.2285


■ 48.5787, 49.2919,
54.3108


■ 25.8157, 14.5529,
13.4682


■ 54.3054, 58.4934,
63.1616


■ 24.6427, 13.1027,
10.3155


■ 60.7314, 68.9014,
72.8384


 23.8552, 12.2810,
7.7307

 67.8800, 80.5577,
83.3627

 23.5998, 12.0398,
6.8144

 73.6626, 89.2809,
94.0515

 75.5670, 90.0426,
104.0801

 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



33.8508, 28.4713, 44.7297



35.3443, 28.4713, 32.4868



34.4474, 28.4713, 22.3933

Triad

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



35.3443, 28.4713, 32.4868



23.8599, 28.4713, 15.3179



23.0555, 28.4713, 52.7280

Complementary

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



35.3443, 28.4713, 32.4868



35.2295, 46.2932, 45.1111

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.



20.8142, 28.4713, 41.5710



35.3443, 28.4713, 32.4868



21.2461, 28.4713, 20.4142

Square

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



35.3443, 28.4713, 32.4868



27.5753, 28.4713, 14.0023



20.1851, 28.4713, 29.5601



26.5534, 28.4713, 58.0736

Rectangle

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



35.3443, 28.4713, 32.4868



32.6573, 28.4713, 17.8429



20.1851, 28.4713, 29.5601



22.1438, 28.4713, 49.4185

Sweetspot

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



35.3451, 28.4726, 32.4874



82.0842, 80.4323, 89.4912



33.6188, 27.0808, 55.0852



17.7050, 17.1837, 19.1652



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.



35.3451, 28.4726, 32.4874



58.7777, 44.0996, 50.0295



34.7796, 30.2266, 23.4049



10.2185, 10.1360, 11.2410



15.3753, 7.8399, 4.6223



0.6974, 0.3520, 0.3738

Inverse Universe

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



35.3451, 28.4726, 32.4874



58.7777, 44.0996, 50.0295



35.7975, 43.2784, 58.0969



10.2185, 10.1360, 11.2410



15.3753, 7.8399, 4.6223



0.6974, 0.3520, 0.3738

Previews

White Background



This preview shows how the XYZ color 35.3443, 28.4713, 32.4868 looks on a white background.

Color Contrast Check

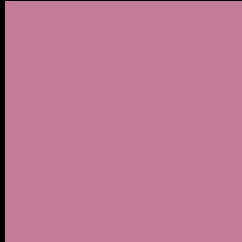
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3443, 28.4713, 32.4868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

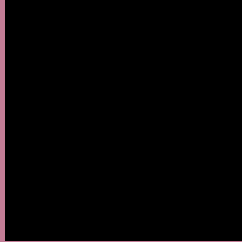
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3443, 28.4713, 32.4868

Background



This preview shows how black text looks on a background with the XYZ color 35.3443, 28.4713, 32.4868.



This preview shows how white text looks on a background with the XYZ color 35.3443, 28.4713,

32.4868.

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

35.3443, 28.4713, 32.4868

Protanopia

28.1486, 28.7887, 38.2556

Deuteranopia

29.0894, 28.5273, 31.5769



Tritanopia

34.3529, 28.4542, 27.3485

Trichromacy



Original Color

35.3443, 28.4713, 32.4868

Protanomaly

30.3643, 28.4321, 36.2353

Deuteranomaly

31.0225, 28.2367, 31.8321

Tritanomaly

34.5915, 28.3440, 29.2390

Monochromacy



Original Color

35.3443, 28.4713, 32.4868

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.5288, 29.0331, 32.4287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3443, 28.4713, 32.4868 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(195, 125, 150)` looks like.

```
.text, #text, p{  
    color:rgb(195, 125, 150)  
}
```

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(195, 125, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 125, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.3443, 28.4713, 32.4868 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(195, 125, 150) }
```


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

```
.border{ border-color:rgb(195, 125, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 125, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 125, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 125, 150);  
box-shadow:4px 4px 4px 4px rgb(195, 125,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3443, 28.4713, 32.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 125, 150) }
```

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

```
.background{ background-color: rgb(195,  
125, 150) }
```

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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