

Converting Colors

XYZ(17.0951, 13.4123, 32.4934)

Have a look what the booklet for
XYZ(17.0951, 13.4123, 32.4934)
contains.

XYZ(17.0965, 13.4333, 32.7021)	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(17.0965, 13.4333,
32.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	77599B
RGB	119, 89, 155
RGB Percent	47%, 35%, 61%
CMY	0.5333, 0.6510, 0.3922
CMYK	0.23, 0.43, 0.00, 0.39
HSL	267°, 27%, 48%
HSV	267°, 43%, 61%
XYZ	17.0965, 13.4333, 32.7021
YIQ	105.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

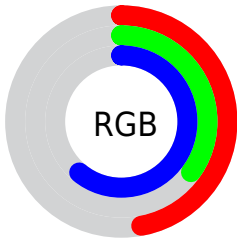
Format	Color
R_{YB}	119, 89, 155
Decimal	7821723
CIE _{Lab}	43.41, 26.17, -31.51
CIE _{LCh}	43, 40.960, 309.714
Yxy	13.4333, 0.2704, 0.2124
Android (android.graphics.Color)	4286011803 (0xFF77599B)
YUV	105.4940, 24.4065, 11.8448
Hunter-Lab	36.6515, 19.1233, -27.2452

Details

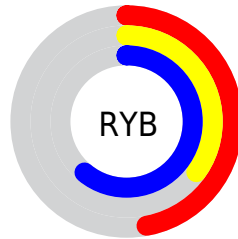
The XYZ color **17.0965, 13.4333, 32.7021** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9824, 28.5242, 13.7989**, and the grayscale version is **13.4982, 14.2011, 15.4650**.

A 20% lighter version of the original color is **38.0242, 32.1800, 65.1800**, and **5.6600, 3.8641, 13.2795** is the 20% darker color. If you saturate the color by 10%, you get **14.8308, 10.5482, 32.2649**, and if you desaturate by 10%, it is **19.7380, 16.9159, 33.2353**.

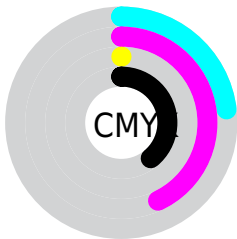
Distribution



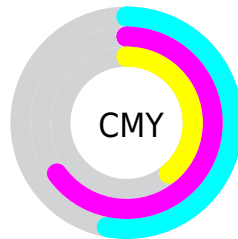
- Red (47%)
- Green (35%)
- Blue (61%)



- Red (47%)
- Yellow (35%)
- Blue (61%)



- Cyan (23%)
- Magenta (43%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0965, 13.4333, 32.7021 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 17.0965, 13.4333, 32.7021 by changing the saturation by 10% instead.

■ 17.0965, 13.4333,
32.7021

■ 17.0965, 13.4333,
32.7021

228.8733,
213.6763, 328.8960

■ 10.3990, 7.7276,
21.6291

■ 38.0339, 32.0801,
65.0208

■ 5.7286, 3.9211,
13.3889

■ 53.0046, 45.7899,
87.1036

■ 2.7199, 1.6295,
7.5630

■ 71.4637, 62.9366,
113.6933

■ 1.0074, 0.3774,
3.7329

■ 93.7766, 83.9045,
145.2086

■ 0.0000, 0.0000,
1.4800

■ 120.3086,
109.0780, 182.0680

■ 0.0000, 0.0000,
0.2030

151.4252,

■ 0.0000, 0.0000,

138.8416, 224.6900

0.0000

187.4916,
173.5795, 273.4931

■ 17.0965, 13.4333,
32.7021

■ 17.0965, 13.4333,
32.7021

■ 14.8308, 10.5482,
32.2649

■ 19.7380, 16.9159,
33.2353

■ 12.9196, 8.2231,
31.9168

■ 22.7721, 21.0270,
33.8689

■ 11.3413, 6.4189,
31.6518

■ 26.2163, 25.7974,
34.6082

■ 10.0714, 5.0904,
31.4623

■ 30.0864, 31.2555,
35.4577

■ 9.0806, 4.1841,
31.3395

■ 34.3976, 37.4279,
36.4219

■ 8.4751, 3.6856,
31.2752

■ 39.1641, 44.3396,
37.5048

■ 44.3994, 52.0147,
38.7103

■ 50.1166, 60.4759,
40.0421

■ 56.3282, 69.7451,
41.5039

Harmonies

Analogous

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



13.8299, 13.4333, 39.6344



17.0965, 13.4333, 32.7021



19.4201, 13.4333, 21.5925

Triad

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



17.0965, 13.4333, 32.7021



15.0121, 13.4333, 3.5695



7.6310, 13.4333, 17.7916

Complementary

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



17.0965, 13.4333, 32.7021



21.9824, 28.5242, 13.7989

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.



7.8402, 13.4333, 9.3475



17.0965, 13.4333, 32.7021



11.7618, 13.4333, 3.2526

Square

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



17.0965, 13.4333, 32.7021



18.0847, 13.4333, 6.0356



9.2396, 13.4333, 4.8551



8.6110, 13.4333, 28.9470

Rectangle

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



17.0965, 13.4333, 32.7021



19.9270, 13.4333, 14.7143



9.2396, 13.4333, 4.8551



7.5689, 13.4333, 14.5392

Sweetspot

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



17.0970, 13.4338, 32.7024



46.5105, 45.5857, 61.8839



17.4084, 19.2342, 33.8056



10.2247, 9.8962, 13.9416



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.0970, 13.4338, 32.7024



26.7795, 19.1642, 57.8239



22.3819, 16.1583, 32.9497



6.1378, 6.1569, 7.7939



6.8502, 2.9824, 25.1223



0.1436, 0.0658, 0.3775

Inverse Universe

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



20.7920, 15.5945, 21.3168



34.5385, 23.7071, 33.6562



17.9686, 26.4551, 13.6111



6.3426, 6.2762, 7.1844



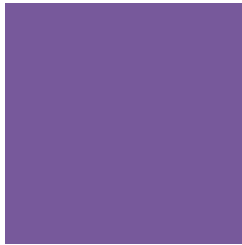
12.1794, 6.1260, 7.4696



0.2004, 0.0989, 0.2082

Previews

White Background



This preview shows how the XYZ color 17.0965, 13.4333, 32.7021 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0965, 13.4333, 32.7021 looks on a black 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

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

XYZ 17.0965, 13.4333, 32.7021

Background



This preview shows how black text looks on a background with the XYZ color 17.0965, 13.4333, 32.7021.



This preview shows how white text looks on a background with the XYZ color 17.0965, 13.4333,

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

17.0965, 13.4333, 32.7021

Protanopia

14.5871, 13.6437, 37.4620

Deuteranopia

13.8122, 13.5191, 31.5872



Tritanopia

13.7666, 13.5554, 15.8008

Trichromacy



Original Color

17.0965, 13.4333, 32.7021

Protanomaly

15.2219, 13.4498, 35.5120

Deuteranomaly

14.7438, 13.2822, 31.9236

Tritanomaly

14.7604, 13.3984, 20.8770

Monochromacy



Original Color

17.0965, 13.4333, 32.7021

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.4674, 13.6687, 20.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0965, 13.4333, 32.7021 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(119, 89, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 89, 155)  
}
```

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(119, 89, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 89, 155) }
```

Border

The CSS property to change the border of an element to XYZ 17.0965, 13.4333, 32.7021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

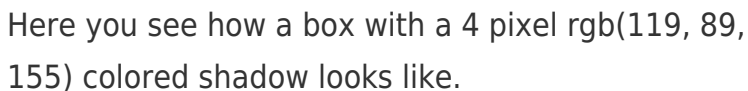
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 89, 155) }
```


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

```
.border{ border-color:rgb(119, 89, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 89, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 89, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 89, 155); box-shadow:4px 4px 4px 4px rgb(119, 89, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0965, 13.4333, 32.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 89, 155) }
```

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

```
.background{ background-color: rgb(119, 89,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor