

Converting Colors

XYZ(17.5839, 13.9044, 40.2210)

Have a look what the booklet for
XYZ(17.5839, 13.9044, 40.2210)
contains.

XYZ(17.6082, 13.9096, 40.2848)	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(17.6082, 13.9096,
40.2848)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5CAB
RGB	110, 92, 171
RGB Percent	43%, 36%, 67%
CMY	0.5686, 0.6392, 0.3294
CMYK	0.36, 0.46, 0.00, 0.33
HSL	254°, 32%, 52%
HSV	254°, 46%, 67%
XYZ	17.6082, 13.9096, 40.2848
YIQ	106.3880, -14.6310, 28.3850

Conversions

Conversions Part 2

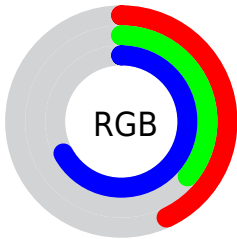
Format	Color
R_{YB}	110, 92, 171
Decimal	7232683
CIE _{Lab}	44.10, 25.97, -39.95
CIE _{LCh}	44, 47.651, 303.023
Yxy	13.9096, 0.2452, 0.1937
Android (android.graphics.Color)	4285422763 (0xFF6E5CAB)
YUV	106.3880, 31.8537, 3.1677
Hunter-Lab	37.2956, 19.0072, -37.9352

Details

The XYZ color **17.6082, 13.9096, 40.2848** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **29.6318, 36.6711, 15.6422**, and the grayscale version is **13.7246, 14.4394, 15.7245**.

A 20% lighter version of the original color is **38.9974, 33.0835, 77.0034**, and **5.9919, 4.1615, 17.6270** is the 20% darker color. If you saturate the color by 10%, you get **14.7685, 10.4895, 39.7746**, and if you desaturate by 10%, it is **21.0282, 18.1256, 40.9186**.

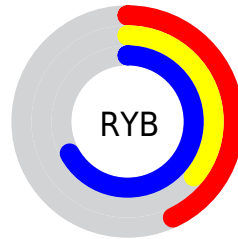
Distribution



Red (43%)

Green (36%)

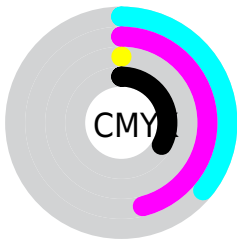
Blue (67%)



Red (43%)

Yellow (36%)

Blue (67%)

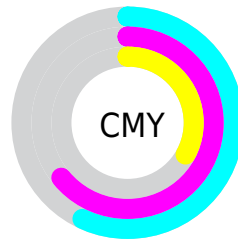


Cyan (36%)

Magenta (46%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (64%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6082, 13.9096, 40.2848 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 17.6082, 13.9096, 40.2848 by changing the saturation by 10% instead.

■ 17.6082, 13.9096,
40.2848

■ 17.6082, 13.9096,
40.2848

231.7418,
216.6677, 362.9102

■ 10.7670, 8.0578,
27.4452

■ 38.9039, 32.9285,
76.8388

■ 5.9765, 4.1320,
17.6725

■ 54.0892, 46.8645,
101.3903

■ 2.8713, 1.7477,
10.5481

■ 72.7865, 64.2639,
130.6829

■ 1.0861, 0.4542,
5.6535

■ 95.3613, 85.5113,
165.1350

■ 0.0134, 0.0000,
2.5702

122.1788,
110.9910, 205.1653

■ 0.0000, 0.0000,
0.8770

153.6046,

■ 0.0000, 0.0000,

141.0873, 251.1922

0.0000

190.0038,
176.1848, 303.6343

■ 17.6082, 13.9096,
40.2848

■ 17.6082, 13.9096,
40.2848

■ 14.7685, 10.4895,
39.7746

■ 21.0282, 18.1256,
40.9186

■ 12.4738, 7.8127,
39.3788

■ 25.0575, 23.1824,
41.6823

■ 10.6875, 5.8223,
39.0888

■ 29.7253, 29.1236,
42.5830

■ 9.3672, 4.4526,
38.8940

■ 35.0583, 35.9889,
43.6271

■ 8.4593, 3.6165,
38.7805

■ 41.0816, 43.8160,
44.8204

■ 8.1860, 3.3709,
38.7475

■ 47.8190, 52.6402,
46.1685

■ 55.2932, 62.4951,
47.6768

■ 63.5258, 73.4127,
49.3502

■ 72.5377, 85.4237,
51.1936

Harmonies

Analogous

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



13.6091, 13.9096, 47.0560



17.6082, 13.9096, 40.2848



20.8460, 13.9096, 26.7374

Triad

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



17.6082, 13.9096, 40.2848



16.8138, 13.9096, 3.1137



7.1918, 13.9096, 16.2740

Complementary

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



17.6082, 13.9096, 40.2848



29.6318, 36.6711, 15.6422

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.



7.7267, 13.9096, 7.5070



17.6082, 13.9096, 40.2848



12.8397, 13.9096, 2.3955

Square

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



17.6082, 13.9096, 40.2848



20.3291, 13.9096, 6.3741



9.6302, 13.9096, 3.5135



7.9988, 13.9096, 29.6230

Rectangle

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



17.6082, 13.9096, 40.2848



21.8643, 13.9096, 17.8275



9.6302, 13.9096, 3.5135



7.2211, 13.9096, 12.7464

Sweetspot

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



17.6087, 13.9101, 40.2851



55.0038, 54.4242, 76.6078



23.3011, 28.2887, 42.7605



11.8414, 11.5925, 17.0012



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.6087, 13.9101, 40.2851



26.5530, 18.9090, 71.2522



23.5028, 16.9486, 40.5610



7.7433, 7.8420, 10.0582



6.2103, 2.5614, 29.2116



0.2196, 0.0954, 0.8148

Inverse Universe

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



26.3718, 18.6126, 32.3399



44.3624, 28.4854, 54.2273



23.4845, 33.5020, 15.3545



8.2578, 8.1164, 9.6684



15.8229, 7.7917, 17.2448



0.4591, 0.2243, 0.5795

Previews

White Background



This preview shows how the XYZ color 17.6082, 13.9096, 40.2848 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 17.6082, 13.9096, 40.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

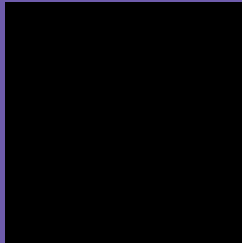
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6082, 13.9096, 40.2848

Background



This preview shows how black text looks on a background with the XYZ color 17.6082, 13.9096, 40.2848.



This preview shows how white text looks on a background with the XYZ color 17.6082, 13.9096,

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

17.6082, 13.9096, 40.2848

Protanopia

15.5154, 14.1001, 45.0839

Deuteranopia

14.3662, 14.0886, 39.0080



Tritanopia

13.0186, 13.8594, 17.9086

Trichromacy



Original Color

17.6082, 13.9096, 40.2848

Protanomaly

16.0498, 13.8410, 43.4206

Deuteranomaly

15.1983, 13.7728, 39.3935

Tritanomaly

14.4098, 13.6884, 24.8043

Monochromacy



Original Color

17.6082, 13.9096, 40.2848

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.7463, 14.0449, 23.0528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6082, 13.9096, 40.2848 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(110, 92, 171)` looks like.

```
.text, #text, p{  
    color:rgb(110, 92, 171)  
}
```

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(110, 92, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 92, 171) }
```

Border

The CSS property to change the border of an element to XYZ 17.6082, 13.9096, 40.2848 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(110, 92, 171) }
```


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

```
.border{ border-color:rgb(110, 92, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 92, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 92, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 92, 171);  
box-shadow:4px 4px 4px 4px rgb(110, 92,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6082, 13.9096, 40.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 92, 171) }
```

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

```
.background{ background-color: rgb(110, 92,  
171) }
```

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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