

Converting Colors

XYZ(17.7277, 16.2925, 32.3366)

Have a look what the booklet for
XYZ(17.7277, 16.2925, 32.3366)
contains.

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Color

**XYZ(17.6896, 16.2600,
32.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	706B99
RGB	112, 107, 153
RGB Percent	44%, 42%, 60%
CMY	0.5608, 0.5804, 0.4000
CMYK	0.27, 0.30, 0.00, 0.40
HSL	247°, 18%, 51%
HSV	247°, 30%, 60%
XYZ	17.6896, 16.2600, 32.3432
YIQ	113.7390, -11.7860, 15.3660

Conversions

Conversions Part 2

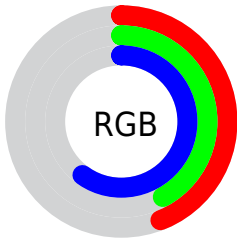
Format	Color
R_{YB}	112, 107, 153
Decimal	7367577
CIE _{Lab}	47.31, 12.57, -24.28
CIE _{LCh}	47, 27.343, 297.363
Yxy	16.2600, 0.2668, 0.2453
Android (android.graphics.Color)	4285557657 (0xFF706B99)
YUV	113.7390, 19.3557, -1.5251
Hunter-Lab	40.3237, 7.7397, -19.3293

Details

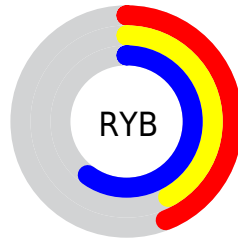
The XYZ color **17.6896, 16.2600, 32.3432** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.2581, 30.1402, 18.3442**, and the grayscale version is **15.8630, 16.6891, 18.1744**.

A 20% lighter version of the original color is **39.1291, 37.0071, 64.7553**, and **6.0640, 5.2478, 13.2637** is the 20% darker color. If you saturate the color by 10%, you get **14.6278, 12.5197, 31.7829**, and if you desaturate by 10%, it is **21.2976, 20.7015, 33.0106**.

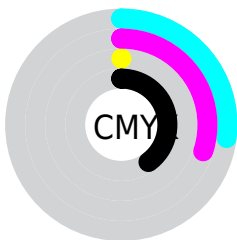
Distribution



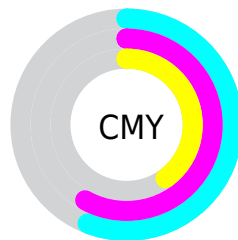
- Red (44%)
- Green (42%)
- Blue (60%)



- Red (44%)
- Yellow (42%)
- Blue (60%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6896, 16.2600, 32.3432 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 17.6896, 16.2600, 32.3432 by changing the saturation by 10% instead.

■ 17.6896, 16.2600,
32.3432

■ 17.6896, 16.2600,
32.3432

232.1952,
230.8711, 327.2205

■ 10.8257, 9.7083,
21.3568

■ 39.0419, 37.0490,
64.4529

■ 6.0162, 5.2060,
13.1913

■ 54.2611, 52.0551,
86.4132

■ 2.8957, 2.3686,
7.4281

■ 72.9960, 70.6481,
112.8686

■ 1.0988, 0.8097,
3.6488

■ 95.6121, 93.2125,
144.2376

■ 0.0241, 0.0000,
1.4347

122.4748,
120.1326, 180.9388

■ 0.0000, 0.0000,
0.1686

153.9492,

■ 0.0000, 0.0000,

151.7928, 223.3906

0.0000

190.4009,
188.5775, 272.0117

■ 17.6896, 16.2600,
32.3432

■ 17.6896, 16.2600,
32.3432

■ 14.6278, 12.5197,
31.7829

■ 21.2976, 20.7015,
33.0106

■ 12.0838, 9.4430,
31.3231

■ 25.4750, 25.8757,
33.7892

■ 10.0293, 6.9914,
30.9582

■ 30.2455, 31.8142,
34.6840

■ 8.4325, 5.1218,
30.6815

■ 35.6312, 38.5465,
35.6996

■ 7.2578, 3.7855,
30.4855

■ 41.6530, 46.1002,
36.8402

■ 6.4643, 2.9261,
30.3614

■ 48.3306, 54.5019,
38.1099

■ 5.9745, 2.4157,
30.2887

■ 55.6832, 63.7767,
39.5126

■ 63.7290, 73.9490,
41.0520

■ 72.4854, 85.0418,
42.7317

Harmonies

Analogous

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



15.2419, 16.2600, 34.5970



17.6896, 16.2600, 32.3432



19.7059, 16.2600, 25.8924

Triad

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



17.6896, 16.2600, 32.3432



18.0978, 16.2600, 8.6980



11.2631, 16.2600, 17.0993

Complementary

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



17.6896, 16.2600, 32.3432



26.2581, 30.1402, 18.3442

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.



11.8635, 16.2600, 11.4549



17.6896, 16.2600, 32.3432



15.6694, 16.2600, 7.4625

Square

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



17.6896, 16.2600, 32.3432



19.9583, 16.2600, 12.2665



13.4163, 16.2600, 8.3225



11.6852, 16.2600, 24.5502

Rectangle

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



17.6896, 16.2600, 32.3432



20.4451, 16.2600, 20.7774



13.4163, 16.2600, 8.3225



11.3505, 16.2600, 14.9504

Sweetspot

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



17.6901, 16.2606, 32.3436



46.3362, 47.2268, 60.6455



22.4664, 26.7317, 34.1129



9.9928, 10.1317, 13.3464



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.6901, 16.2606, 32.3436



27.9294, 24.5317, 57.2350



20.9354, 17.9336, 32.4954



5.9437, 6.0569, 7.7848



4.9531, 2.0045, 25.0335



0.0884, 0.0374, 0.3749

Inverse Universe

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



23.7402, 19.4263, 30.5155



40.5710, 31.1504, 53.2314



22.5615, 28.2346, 18.1712



6.4323, 6.3121, 7.6565



14.5593, 7.0779, 20.0019



0.2249, 0.1087, 0.3369

Previews

White Background



This preview shows how the XYZ color 17.6896, 16.2600, 32.3432 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 17.6896, 16.2600, 32.3432 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 17.6896, 16.2600, 32.3432

Background



This preview shows how black text looks on a background with the XYZ color 17.6896, 16.2600, 32.3432.



This preview shows how white text looks on a background with the XYZ color 17.6896, 16.2600,

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

17.6896, 16.2600, 32.3432

Protanopia

16.8308, 16.4218, 33.7351

Deuteranopia

16.6075, 16.3452, 31.9854



Tritanopia

15.3618, 16.2796, 20.7450

Trichromacy



Original Color

17.6896, 16.2600, 32.3432

Protanomaly

17.2012, 16.4615, 33.2811

Deuteranomaly

16.9523, 16.3619, 31.9704

Tritanomaly

16.1024, 16.2505, 24.4783

Monochromacy



Original Color

17.6896, 16.2600, 32.3432

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3908, 16.4381, 22.7311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6896, 16.2600, 32.3432 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(112, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(112, 107, 153)  
}
```

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(112, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 107, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.6896, 16.2600, 32.3432 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(112, 107, 153) }
```


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

```
.border{ border-color:rgb(112, 107, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 107, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 107, 153);  
box-shadow:4px 4px 4px 4px rgb(112, 107,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6896, 16.2600, 32.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 107, 153) }
```

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

```
.background{ background-color: rgb(112,  
107, 153) }
```

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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