

Converting Colors

XYZ(17.2966, 16.1983, 24.7908)

Have a look what the booklet for
XYZ(17.2966, 16.1983, 24.7908)
contains.

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Color

**XYZ(17.3065, 16.2297,
24.7747)**

Conversions

Conversions Part 1

Format	Color
Hex	786B86
RGB	120, 107, 134
RGB Percent	47%, 42%, 53%
CMY	0.5294, 0.5804, 0.4745
CMYK	0.10, 0.20, 0.00, 0.47
HSL	269°, 11%, 47%
HSV	269°, 20%, 53%
XYZ	17.3065, 16.2297, 24.7747
YIQ	113.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

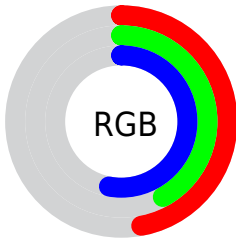
Format	Color
R_{YB}	120, 107, 134
Decimal	7891846
CIE _{Lab}	47.27, 10.66, -13.01
CIE _{LCh}	47, 16.817, 309.344
Yxy	16.2297, 0.2968, 0.2783
Android (android.graphics.Color)	4286081926 (0xFF786B86)
YUV	113.9650, 9.8773, 5.2927
Hunter-Lab	40.2861, 6.1811, -8.2612

Details

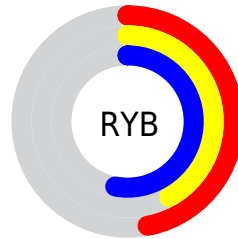
The XYZ color **17.3065, 16.2297, 24.7747** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.0646, 22.1770, 17.1865**, and the grayscale version is **15.9557, 16.7866, 18.2806**.

A 20% lighter version of the original color is **38.2098, 36.8122, 52.1053**, and **5.8146, 5.2114, 9.0869** is the 20% darker color. If you saturate the color by 10%, you get **15.0874, 13.1704, 24.3014**, and if you desaturate by 10%, it is **19.8130, 19.7595, 25.3242**.

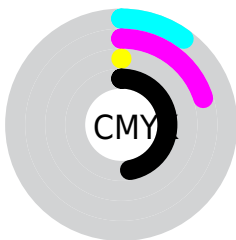
Distribution



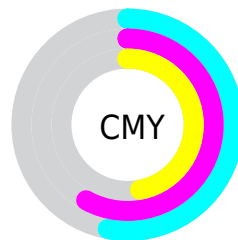
- Red (47%)
- Green (42%)
- Blue (53%)



- Red (47%)
- Yellow (42%)
- Blue (53%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3065, 16.2297, 24.7747 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 17.3065, 16.2297, 24.7747 by changing the saturation by 10% instead.

■ 17.3065, 16.2297,
24.7747

■ 17.3065, 16.2297,
24.7747

230.0545,
230.6933, 290.1257

■ 10.5499, 9.6868,
15.6918

■ 38.3914, 36.9965,
52.2511

■ 5.8301, 5.1918,
9.1543

■ 53.4505, 51.9893,
71.4816

■ 2.7817, 2.3602,
4.7438

■ 72.0077, 70.5674,
94.9318

■ 1.0394, 0.8053,
2.0416

■ 94.4285, 93.1154,
123.0201

■ 0.0000, 0.0000,
0.5807

121.0783,
120.0176, 156.1651

■ 0.0000, 0.0000,
0.0000

152.3223,

151.6584, 194.7853

188.5259,
188.4222, 239.2994

■ 17.3065, 16.2297,
24.7747

■ 17.3065, 16.2297,
24.7747

■ 15.0874, 13.1704,
24.3014

■ 19.8130, 19.7595,
25.3242

■ 13.1429, 10.5589,
23.8998

■ 22.6163, 23.7770,
25.9519

■ 11.4612, 8.3736,
23.5666

■ 25.7269, 28.3012,
26.6612

■ 10.0290, 6.5903,
23.2979

■ 29.1544, 33.3493,
27.4549

■ 8.8319, 5.1824,
23.0893

■ 32.9081, 38.9378,
28.3358

7.8534, 4.1199,
22.9358

36.9969, 45.0824,
29.3063

7.0748, 3.3676,
22.8316

41.4290, 51.7981,
30.3690

6.4512, 2.8286,
22.7604

46.2128, 59.0996,
31.5261

51.3560, 67.0007,
32.7801

Harmonies

Analogous

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



15.8938, 16.2297, 27.0238



17.3065, 16.2297, 24.7747



18.2529, 16.2297, 20.7138

Triad

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



17.3065, 16.2297, 24.7747



16.4545, 16.2297, 11.0746



12.7781, 16.2297, 19.0317

Complementary

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



17.3065, 16.2297, 24.7747



19.0646, 22.1770, 17.1865

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.



12.9069, 16.2297, 14.9425



17.3065, 16.2297, 24.7747



14.9672, 16.2297, 10.7720

Square

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



17.3065, 16.2297, 24.7747



17.7395, 16.2297, 12.9803



13.6866, 16.2297, 12.0749



13.3227, 16.2297, 23.3751

Rectangle

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



17.3065, 16.2297, 24.7747



18.4587, 16.2297, 17.7651



13.6866, 16.2297, 12.0749



12.7449, 16.2297, 17.5780

Sweetspot

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



17.3070, 16.2304, 24.7751



36.8276, 37.5510, 45.0454



17.2531, 18.6198, 25.2391



8.2394, 8.3776, 10.1355



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.3070, 16.2304, 24.7751



28.7189, 26.1347, 43.2693



19.2499, 17.2320, 24.8660



4.6320, 4.6464, 5.8535



6.0580, 2.6571, 21.3303



0.0293, 0.0135, 0.0743

Inverse Universe

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



18.5409, 16.9649, 20.3872



31.3240, 27.6858, 33.9876



17.3517, 21.2940, 17.1063



4.7659, 4.7260, 5.3795



10.2398, 5.1603, 5.8353



0.0392, 0.0194, 0.0396

Previews

White Background



This preview shows how the XYZ color 17.3065, 16.2297, 24.7747 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 17.3065, 16.2297, 24.7747 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 17.3065, 16.2297, 24.7747

Background



This preview shows how black text looks on a background with the XYZ color 17.3065, 16.2297, 24.7747.



This preview shows how white text looks on a background with the XYZ color 17.3065, 16.2297,

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

17.3065, 16.2297, 24.7747

Protanopia

16.1437, 16.2392, 25.9505

Deuteranopia

16.6196, 16.3560, 24.4714



Tritanopia

16.1821, 16.2418, 19.4216

Trichromacy



Original Color

17.3065, 16.2297, 24.7747

Protanomaly

16.5754, 16.3089, 25.5669

Deuteranomaly

16.9047, 16.3437, 24.4540

Tritanomaly

16.5779, 16.2441, 21.3304

Monochromacy



Original Color

17.3065, 16.2297, 24.7747

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3381, 16.4624, 20.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3065, 16.2297, 24.7747 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(120, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 134)  
}
```

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(120, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.3065, 16.2297, 24.7747 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(120, 107, 134) }
```


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

```
.border{ border-color:rgb(120, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3065, 16.2297, 24.7747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 134) }
```

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

```
.background{ background-color: rgb(120,  
107, 134) }
```

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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