

Converting Colors

XYZ(17.7861, 17.1359, 25.0863)

Have a look what the booklet for
XYZ(17.7861, 17.1359, 25.0863)
contains.

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Color

**XYZ(17.7332, 17.0832,
24.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	786F86
RGB	120, 111, 134
RGB Percent	47%, 44%, 53%
CMY	0.5294, 0.5647, 0.4745
CMYK	0.10, 0.17, 0.00, 0.47
HSL	263°, 9%, 48%
HSV	263°, 17%, 53%
XYZ	17.7332, 17.0832, 24.9170
YIQ	116.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

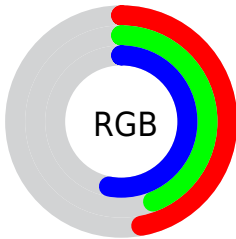
Format	Color
R_{YB}	120, 111, 134
Decimal	7892870
CIE Lab	48.36, 8.27, -11.36
CIE LCh	48, 14.052, 306.064
Yxy	17.0832, 0.2969, 0.2860
Android (android.graphics.Color)	4286082950 (0xFF786F86)
YUV	116.3130, 8.7197, 3.2335
Hunter-Lab	41.3318, 4.2538, -6.8109

Details

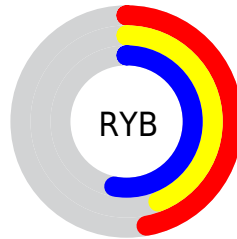
The XYZ color **17.7332, 17.0832, 24.9170** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8525, 22.5584, 18.3477**, and the grayscale version is **16.6714, 17.5397, 19.1007**.

A 20% lighter version of the original color is **39.0801, 38.5529, 52.3954**, and **5.9763, 5.5347, 9.1408** is the 20% darker color. If you saturate the color by 10%, you get **15.2959, 13.8170, 24.4153**, and if you desaturate by 10%, it is **20.4873, 20.8393, 25.4971**.

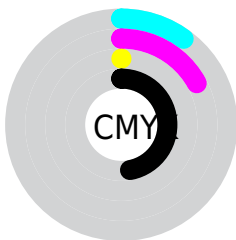
Distribution



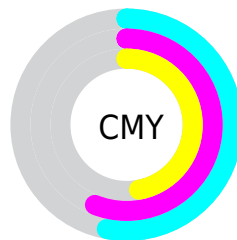
- Red (47%)
- Green (44%)
- Blue (53%)



- Red (47%)
- Yellow (44%)
- Blue (53%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7332, 17.0832, 24.9170 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 17.7332, 17.0832, 24.9170 by changing the saturation by 10% instead.

■ 17.7332, 17.0832,
24.9170

■ 17.7332, 17.0832,
24.9170

232.4377,
235.6514, 290.8588

■ 10.8571, 10.2938,
15.7968

■ 39.1158, 38.4688,
52.4850

■ 6.0374, 5.5942,
9.2277

■ 54.3531, 53.8338,
71.7698

■ 2.9087, 2.5999,
4.7911

■ 73.1082, 72.8261,
95.2800

■ 1.1057, 0.9266,
2.0687

■ 95.7464, 95.8301,
123.4339

■ 0.0299, 0.0000,
0.5970

122.6331,
123.2303, 156.6502

■ 0.0000, 0.0000,
0.0000

154.1336,

155.4109, 195.3475

190.6134,
192.7565, 239.9441

■ 17.7332, 17.0832,
24.9170

■ 17.7332, 17.0832,
24.9170

■ 15.2959, 13.8170,
24.4153

■ 20.4873, 20.8393,
25.4971

■ 13.1617, 11.0177,
23.9875

■ 23.5681, 25.1025,
26.1576

■ 11.3182, 8.6640,
23.6303

■ 26.9869, 29.8919,
26.9019

■ 9.7514, 6.7316,
23.3399

■ 30.7540, 35.2250,
27.7327

■ 8.4461, 5.1943,
23.1119

■ 34.8794, 41.1185,
28.6528

■ 7.3854, 4.0223,
22.9416

■ 39.3725, 47.5881,
29.6648

■ 6.5502, 3.1819,
22.8235

■ 44.2424, 54.6492,
30.7710

■ 5.9058, 2.6087,
22.7468

■ 49.4978, 62.3164,
31.9740

■ 5.7413, 2.4627,
22.7273

■ 55.1473, 70.6041,
33.2759

Harmonies

Analogous

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



16.4991, 17.0832, 26.5488



17.7332, 17.0832, 24.9170



18.5981, 17.0832, 21.6172

Triad

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



17.7332, 17.0832, 24.9170



17.2588, 17.0832, 12.8611



13.9052, 17.0832, 19.3571

Complementary

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



17.7332, 17.0832, 24.9170



19.8525, 22.5584, 18.3477

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.



14.0849, 17.0832, 15.8787



17.7332, 17.0832, 24.9170



15.9778, 17.0832, 12.4220

Square

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



17.7332, 17.0832, 24.9170



18.3142, 17.0832, 14.7435



14.8275, 17.0832, 13.4537



14.3232, 17.0832, 23.0780

Rectangle

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



17.7332, 17.0832, 24.9170



18.8249, 17.0832, 19.0899



14.8275, 17.0832, 13.4537



13.8980, 17.0832, 18.1199

Sweetspot

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



17.7337, 17.0839, 24.9174



37.1625, 38.1838, 45.1499



18.2161, 19.8151, 25.4191



8.3022, 8.5057, 10.1569



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.



17.7337, 17.0839, 24.9174



29.3310, 27.5216, 43.5047



19.3973, 17.9415, 24.9952



4.5941, 4.6268, 5.8517



5.3919, 2.3138, 21.2991



0.0265, 0.0120, 0.0742

Inverse Universe

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



19.2183, 17.9187, 21.8488



32.5372, 29.3258, 36.8163



18.2933, 21.7546, 18.2747



4.7827, 4.7328, 5.4682



10.6311, 5.3168, 7.8954



0.0404, 0.0199, 0.0463

Previews

White Background



This preview shows how the XYZ color 17.7332, 17.0832, 24.9170 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 17.7332, 17.0832, 24.9170 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 17.7332, 17.0832, 24.9170

Background



This preview shows how black text looks on a background with the XYZ color 17.7332, 17.0832, 24.9170.



This preview shows how white text looks on a background with the XYZ color 17.7332, 17.0832,

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

17.7332, 17.0832, 24.9170

Protanopia

16.8917, 17.1272, 25.7081

Deuteranopia

17.4334, 17.0915, 24.9344



Tritanopia

16.8892, 17.0669, 20.8164

Trichromacy



Original Color

17.7332, 17.0832, 24.9170

Protanomaly

17.2177, 17.1369, 25.3220

Deuteranomaly

17.5685, 17.1611, 24.9407

Tritanomaly

17.1678, 17.0166, 22.1184

Monochromacy



Original Color

17.7332, 17.0832, 24.9170

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9286, 17.2466, 21.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7332, 17.0832, 24.9170 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, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(120, 111, 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, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.7332, 17.0832, 24.9170 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, 111, 134) }
```


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

```
.border{ border-color:rgb(120, 111, 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, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(120, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7332, 17.0832, 24.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 134) }
```

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

```
.background{ background-color: rgb(120,  
111, 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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