

Converting Colors

XYZ(24.3020, 16.6694, 17.2659)

Have a look what the booklet for
XYZ(24.3020, 16.6694, 17.2659)
contains.

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Color

**XYZ(24.3020, 16.6694,
17.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	B25270
RGB	178, 82, 112
RGB Percent	70%, 32%, 44%
CMY	0.3020, 0.6784, 0.5608
CMYK	0.00, 0.54, 0.37, 0.30
HSL	341°, 38%, 51%
HSV	341°, 54%, 70%
XYZ	24.3020, 16.6694, 17.2659
YIQ	114.1240, 47.5860, 29.6820

Conversions

Conversions Part 2

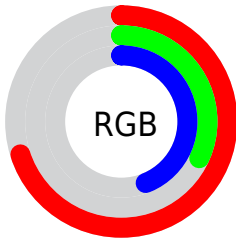
Format	Color
RYB	178, 82, 112
Decimal	11686512
CIELab	47.84, 42.17, 1.82
CIELCh	48, 42.213, 2.467
Yxy	16.6694, 0.4173, 0.2862
Android (android.graphics.Color)	4289876592 (0xFFB25270)
YUV	114.1240, -1.0471, 56.0193
Hunter-Lab	40.8282, 34.7986, 3.5065

Details

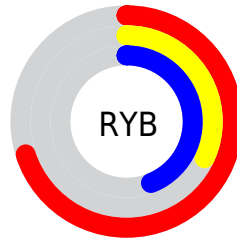
The XYZ color **24.3020, 16.6694, 17.2659** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.7462, 35.7731, 33.6196**, and the grayscale version is **16.0250, 16.8595, 18.3600**.

A 20% lighter version of the original color is **49.9569, 37.8411, 39.7930**, and **9.3908, 5.3865, 5.3952** is the 20% darker color. If you saturate the color by 10%, you get **22.4939, 14.0705, 13.5267**, and if you desaturate by 10%, it is **26.5518, 20.0033, 21.6096**.

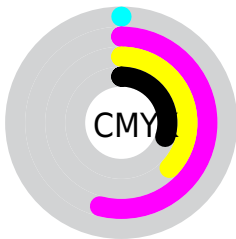
Distribution



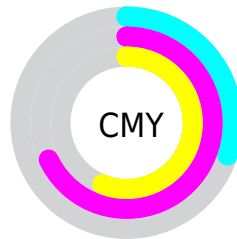
- Red (70%)
- Green (32%)
- Blue (44%)



- Red (70%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (37%)
- Black (30%)





- Cyan (30%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3020, 16.6694, 17.2659 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 24.3020, 16.6694, 17.2659 by changing the saturation by 10% instead.


 24.3020, 16.6694,
17.2659


 24.3020, 16.6694,
17.2659


266.7560,
233.2600, 248.7957


 15.6837, 9.9991,
10.2603


 49.9737, 37.7565,
39.5793

 9.3901, 5.3983,
5.4640


 67.7578, 52.9420,
55.7241


 5.0556, 2.4828,
2.4586

 89.3279, 71.7347,
75.7525

 2.3150, 0.8680,
0.8181

 115.0494, 94.5190,
100.0829

 0.8023, 0.0000,
0.0000

 145.2876,
121.6793, 129.1339

 0.0000, 0.0000,
0.0000

180.4078,

153.6000, 163.3240

220.7755,
190.6654, 203.0717

■ 24.3020, 16.6694,
17.2659

■ 24.3020, 16.6694,
17.2659

■ 22.4939, 14.0705,
13.5267

■ 26.5518, 20.0033,
21.6096

■ 21.0948, 12.1475,
10.3625

■ 29.2701, 24.1203,
26.5836

■ 20.0697, 10.8364,
7.7420

■ 32.4828, 29.0671,
32.2130

■ 19.3761, 10.0593,
5.6301

■ 36.2139, 34.8863,
38.5215

■ 19.0646, 9.7468,
4.5692

■ 40.4854, 41.6174,
45.5313

■ 45.3182, 49.2975,
53.2636

■ 50.7321, 57.9616,
61.7389

■ 56.7459, 67.6429,
70.9765

■ 63.3775, 78.3732,
80.9952

Harmonies

Analogous

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



23.2289, 16.6694, 29.6154



24.3020, 16.6694, 17.2659



22.8261, 16.6694, 9.0896

Triad

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



24.3020, 16.6694, 17.2659



12.2430, 16.6694, 5.6177



12.7066, 16.6694, 43.6786

Complementary

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



24.3020, 16.6694, 17.2659



24.7462, 35.7731, 33.6196

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.



10.4538, 16.6694, 31.8264



24.3020, 16.6694, 17.2659



10.2177, 16.6694, 10.1074

Square

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



24.3020, 16.6694, 17.2659



15.5319, 16.6694, 4.2600



9.6185, 16.6694, 19.0641



16.1597, 16.6694, 48.0277

Rectangle

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



24.3020, 16.6694, 17.2659



20.7139, 16.6694, 6.1161



9.6185, 16.6694, 19.0641



11.8039, 16.6694, 40.2567

Sweetspot

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



24.3025, 16.6703, 17.2662



63.9969, 60.6412, 67.0583



23.1944, 15.5086, 43.8904



13.8670, 12.9483, 14.3328



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.3025, 16.6703, 17.2662



40.1728, 24.6491, 23.1827



24.4026, 19.1129, 10.3867



8.6021, 8.5476, 9.4031



13.6664, 6.9841, 3.4033



0.4570, 0.2305, 0.2492

Inverse Universe

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



24.3025, 16.6703, 17.2662



40.1728, 24.6491, 23.1827



24.1565, 30.2893, 46.6927



8.6021, 8.5476, 9.4031



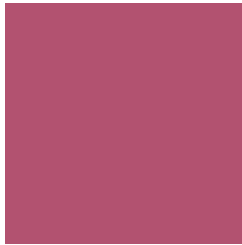
13.6664, 6.9841, 3.4033



0.4570, 0.2305, 0.2492

Previews

White Background



This preview shows how the XYZ color 24.3020, 16.6694, 17.2659 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 24.3020, 16.6694, 17.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

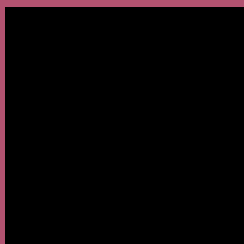
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3020, 16.6694, 17.2659

Background



This preview shows how black text looks on a background with the XYZ color 24.3020, 16.6694, 17.2659.



This preview shows how white text looks on a background with the XYZ color 24.3020, 16.6694,

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

24.3020, 16.6694, 17.2659

Protanopia

16.5574, 16.8285, 23.8483

Deuteranopia

17.1319, 16.8026, 16.2502



Tritanopia

23.1641, 16.6584, 12.1197

Trichromacy



Original Color

24.3020, 16.6694, 17.2659

Protanomaly

18.3811, 16.1089, 21.2093

Deuteranomaly

19.1715, 16.3295, 16.6094

Tritanomaly

23.6321, 16.7450, 13.7909

Monochromacy



Original Color

24.3020, 16.6694, 17.2659

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.0485, 16.0134, 17.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3020, 16.6694, 17.2659 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(178, 82, 112)` looks like.

```
.text, #text, p{  
    color:rgb(178, 82, 112)  
}
```

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(178, 82, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 82, 112) }
```

Border

The CSS property to change the border of an element to XYZ 24.3020, 16.6694, 17.2659 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(178, 82, 112) }
```


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

```
.border{ border-color:rgb(178, 82, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 82, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 82, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 82, 112);  
box-shadow:4px 4px 4px 4px rgb(178, 82,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3020, 16.6694, 17.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 82, 112) }
```

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

```
.background{ background-color: rgb(178, 82,  
112) }
```

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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