

Converting Colors

XYZ(19.2525, 17.2239, 30.1052)

Have a look what the booklet for
XYZ(19.2525, 17.2239, 30.1052)
contains.

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Color

**XYZ(19.2332, 17.2673,
29.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6C93
RGB	126, 108, 147
RGB Percent	49%, 42%, 58%
CMY	0.5059, 0.5765, 0.4235
CMYK	0.14, 0.27, 0.00, 0.42
HSL	268°, 15%, 50%
HSV	268°, 27%, 58%
XYZ	19.2332, 17.2673, 29.9230
YIQ	117.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

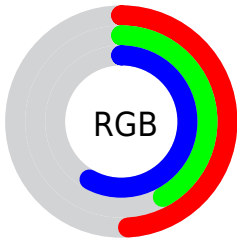
Format	Color
R_{YB}	126, 108, 147
Decimal	8285331
CIE _{Lab}	48.60, 15.12, -18.66
CIE _{LCh}	49, 24.015, 309.014
Yxy	17.2673, 0.2896, 0.2600
Android (android.graphics.Color)	4286475411 (0xFF7E6C93)
YUV	117.8280, 14.3818, 7.1668
Hunter-Lab	41.5539, 9.8992, -13.6070

Details

The XYZ color **19.2332, 17.2673, 29.9230** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1943, 26.6177, 18.1561**, and the grayscale version is **17.1234, 18.0152, 19.6185**.

A 20% lighter version of the original color is **41.7038, 38.9424, 60.5769**, and **6.7077, 5.6127, 11.7962** is the 20% darker color. If you saturate the color by 10%, you get **16.6904, 13.8461, 29.3969**, and if you desaturate by 10%, it is **22.1309, 21.2604, 30.5413**.

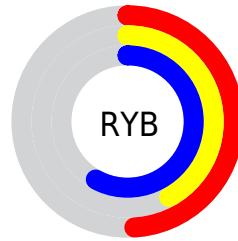
Distribution



Red (49%)

Green (42%)

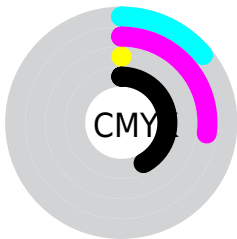
Blue (58%)



Red (49%)

Yellow (42%)

Blue (58%)

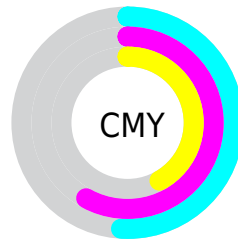


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2332, 17.2673, 29.9230 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 19.2332, 17.2673, 29.9230 by changing the saturation by 10% instead.

■ 19.2332, 17.2673,
29.9230

■ 19.2332, 17.2673,
29.9230

240.6466,
236.7081, 315.7415

■ 11.9439, 10.4253,
19.5286

■ 41.6416, 38.7848,
60.6000

■ 6.7774, 5.6818,
11.8722

■ 57.4914, 54.2290,
81.7196

■ 3.3684, 2.6526,
6.5352

■ 76.9255, 73.3094,
107.2514

■ 1.3514, 0.9532,
3.0992

■ 100.3091, 96.4104,
137.6138

■ 0.2212, 0.0000,
1.1455

128.0077,
123.9164, 173.2255

■ 0.0000, 0.0000,
0.0000

160.3866,

156.2117, 214.5050

197.8111,
193.6808, 261.8708

■ 19.2332, 17.2673,
29.9230

■ 19.2332, 17.2673,
29.9230

■ 16.6904, 13.8461,
29.3969

■ 22.1309, 21.2604,
30.5413

■ 14.4855, 10.9673,
28.9575

■ 25.3962, 25.8486,
31.2548

■ 12.6028, 8.6021,
28.6002

■ 29.0428, 31.0566,
32.0679

■ 11.0243, 6.7179,
28.3197

■ 33.0836, 36.9069,
32.9841

■ 9.7299, 5.2782,
28.1100

■ 37.5306, 43.4209,
34.0070

8.6969, 4.2412,
27.9643

42.3955, 50.6189,
35.1400

7.8907, 3.5416,
27.8718

47.6891, 58.5204,
36.3861

7.6396, 3.3300,
27.8442

53.4223, 67.1443,
37.7485

59.6051, 76.5084,
39.2301

Harmonies

Analogous

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



17.0864, 17.2673, 33.5532



19.2332, 17.2673, 29.9230



20.7050, 17.2673, 23.5021

Triad

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



19.2332, 17.2673, 29.9230



17.9805, 17.2673, 9.5783



12.5649, 17.2673, 20.7718

Complementary

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



19.2332, 17.2673, 29.9230



22.1943, 26.6177, 18.1561

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.



12.7577, 17.2673, 14.7730



19.2332, 17.2673, 29.9230



15.7556, 17.2673, 9.1656

Square

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



19.2332, 17.2673, 29.9230



19.9378, 17.2673, 12.1371



13.8812, 17.2673, 10.8459



13.3285, 17.2673, 27.5438

Rectangle

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



19.2332, 17.2673, 29.9230



21.0349, 17.2673, 19.0113



13.8812, 17.2673, 10.8459



12.5216, 17.2673, 18.5926

Sweetspot

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



19.2338, 17.2680, 29.9234



44.4782, 44.8723, 55.7516



19.3611, 21.1147, 30.6592



9.9602, 9.9706, 12.6844



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2338, 17.2680, 29.9234



31.5796, 27.0503, 52.9914



22.3154, 18.8566, 30.0676



5.7386, 5.7562, 7.2783



6.6511, 2.9014, 24.1405



0.1148, 0.0527, 0.2970

Inverse Universe

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



21.3582, 18.5138, 23.2174



36.1493, 29.7319, 38.4859



19.5652, 25.2624, 18.0330



5.9235, 5.8645, 6.7034



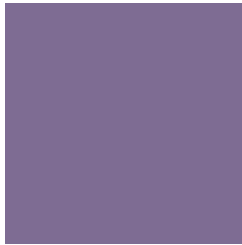
11.6727, 5.8741, 7.0232



0.1578, 0.0779, 0.1644

Previews

White Background



This preview shows how the XYZ color 19.2332, 17.2673, 29.9230 looks on a white background.

Color Contrast Check

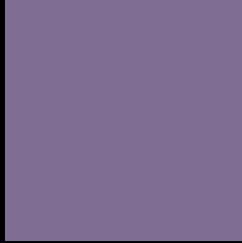
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2332, 17.2673, 29.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

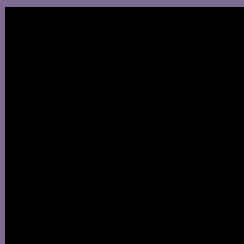
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2332, 17.2673, 29.9230

Background



This preview shows how black text looks on a background with the XYZ color 19.2332, 17.2673, 29.9230.



This preview shows how white text looks on a background with the XYZ color 19.2332, 17.2673,

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

19.2332, 17.2673, 29.9230

Protanopia

17.4289, 17.2723, 31.6934

Deuteranopia

17.6490, 17.2651, 29.5964



Tritanopia

17.4440, 17.3530, 20.8424

Trichromacy



Original Color

19.2332, 17.2673, 29.9230

Protanomaly

18.1092, 17.3011, 31.2391

Deuteranomaly

18.0752, 17.1572, 29.5531

Tritanomaly

17.9496, 17.2185, 23.8502

Monochromacy



Original Color

19.2332, 17.2673, 29.9230

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.8649, 17.6846, 23.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2332, 17.2673, 29.9230 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(126, 108, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 108, 147)  
}
```

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(126, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 108, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.2332, 17.2673, 29.9230 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(126, 108, 147) }
```


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

```
.border{ border-color:rgb(126, 108, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 108, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(126, 108,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2332, 17.2673, 29.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 108, 147) }
```

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

```
.background{ background-color: rgb(126,  
108, 147) }
```

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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