

Converting Colors

XYZ(17.9335, 15.2687, 29.3752)

Have a look what the booklet for
XYZ(17.9335, 15.2687, 29.3752)
contains.

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Color

**XYZ(17.9623, 15.2841,
29.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6392
RGB	124, 99, 146
RGB Percent	49%, 39%, 57%
CMY	0.5137, 0.6118, 0.4274
CMYK	0.15, 0.32, 0.00, 0.43
HSL	272°, 19%, 48%
HSV	272°, 32%, 57%
XYZ	17.9623, 15.2841, 29.1975
YIQ	111.8330, -0.1870, 19.9170

Conversions

Conversions Part 2

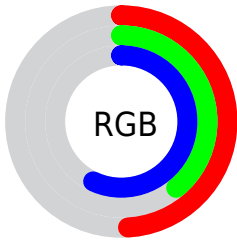
Format	Color
RYB	124, 99, 146
Decimal	8151954
CIELab	46.02, 19.60, -22.04
CIELCh	46, 29.493, 311.648
Yxy	15.2841, 0.2877, 0.2448
Android (android.graphics.Color)	4286342034 (0xFF7C6392)
YUV	111.8330, 16.8443, 10.6705
Hunter-Lab	39.0949, 13.5965, -16.9135

Details

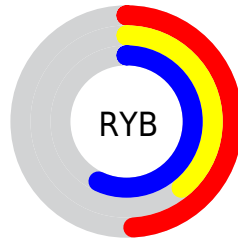
The XYZ color **17.9623, 15.2841, 29.1975** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4167, 25.5239, 15.6556**, and the grayscale version is **15.3049, 16.1019, 17.5350**.

A 20% lighter version of the original color is **39.4631, 35.3299, 59.3830**, and **6.1176, 4.7381, 11.4186** is the 20% darker color. If you saturate the color by 10%, you get **15.7486, 12.2722, 28.7331**, and if you desaturate by 10%, it is **20.4956, 18.8327, 29.7492**.

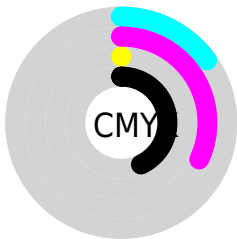
Distribution



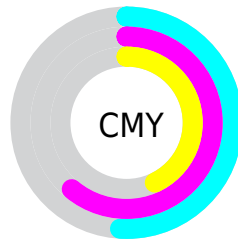
- Red (49%)
- Green (39%)
- Blue (57%)



- Red (49%)
- Yellow (39%)
- Blue (57%)



- Cyan (15%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9623, 15.2841, 29.1975 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 17.9623, 15.2841, 29.1975 by changing the saturation by 10% instead.

■ 17.9623, 15.2841,
29.1975

■ 17.9623, 15.2841,
29.1975

233.7082,
225.0794, 312.2357

■ 11.0224, 9.0190,
18.9834

■ 39.5037, 35.3508,
59.4367

■ 6.1493, 4.7536,
11.4816

■ 54.8359, 49.9212,
80.2988

■ 2.9776, 2.1034,
6.2735

■ 73.6963, 68.0289,
105.5474

■ 1.1419, 0.6665,
2.9406

■ 96.4502, 90.0581,
135.6009

■ 0.0598, 0.0000,
1.0644

123.4630,
116.3934, 170.8780

■ 0.0000, 0.0000,
0.0000

155.1000,

147.4192, 211.7971

191.7266,
183.5197, 258.7769

■ 17.9623, 15.2841,
29.1975

■ 17.9623, 15.2841,
29.1975

■ 15.7486, 12.2722,
28.7331

■ 20.4956, 18.8327,
29.7492

■ 13.8381, 9.7674,
28.3503

■ 23.3607, 22.9418,
30.3913

■ 12.2151, 7.7401,
28.0445

■ 26.5711, 27.6359,
31.1282

■ 10.8617, 6.1569,
27.8103

■ 30.1389, 32.9376,
31.9634

■ 9.7577, 4.9794,
27.6412

■ 34.0759, 38.8681,
32.9006

■ 8.8796, 4.1628,
27.5298

■ 38.3930, 45.4479,
33.9431

■ 8.3023, 3.6807,
27.4672

■ 43.1007, 52.6961,
35.0940

■ 48.2092, 60.6313,
36.3565

■ 53.7281, 69.2714,
37.7333

Harmonies

Analogous

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



15.5196, 15.2841, 34.0992



17.9623, 15.2841, 29.1975



19.5852, 15.2841, 21.3646

Triad

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



17.9623, 15.2841, 29.1975



16.0941, 15.2841, 6.6950



10.3085, 15.2841, 19.5797

Complementary

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



17.9623, 15.2841, 29.1975



20.4167, 25.5239, 15.6556

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.



10.4247, 15.2841, 12.6719



17.9623, 15.2841, 29.1975



13.5778, 15.2841, 6.4705

Square

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



17.9623, 15.2841, 29.1975



18.4242, 15.2841, 9.0657



11.5604, 15.2841, 8.3273



11.2224, 15.2841, 27.5725

Rectangle

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



17.9623, 15.2841, 29.1975



19.8826, 15.2841, 16.2488



11.5604, 15.2841, 8.3273



10.2315, 15.2841, 17.0410

Sweetspot

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



17.9628, 15.2847, 29.1978



42.2871, 42.0342, 53.8582



17.2593, 18.5782, 29.8706



9.2562, 9.1316, 11.9469



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.9628, 15.2847, 29.1978



28.6701, 22.8417, 50.8714



21.4439, 17.0863, 29.0437



5.7763, 5.7757, 7.2801



7.3319, 3.2523, 24.1724



0.1238, 0.0574, 0.2975

Inverse Universe

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



19.7676, 16.4158, 20.2166



32.5241, 25.2541, 31.8272



17.7148, 24.1267, 15.7256



5.9070, 5.8579, 6.6164



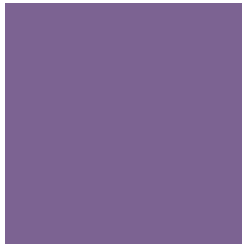
11.3701, 5.7531, 5.4301



0.1538, 0.0763, 0.1437

Previews

White Background



This preview shows how the XYZ color 17.9623, 15.2841, 29.1975 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 17.9623, 15.2841, 29.1975 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 17.9623, 15.2841, 29.1975

Background



This preview shows how black text looks on a background with the XYZ color 17.9623, 15.2841, 29.1975.



This preview shows how white text looks on a background with the XYZ color 17.9623, 15.2841,

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

17.9623, 15.2841, 29.1975

Protanopia

15.8316, 15.4579, 32.2863

Deuteranopia

15.5473, 15.2383, 28.5074



Tritanopia

15.6966, 15.2400, 18.0339

Trichromacy



Original Color

17.9623, 15.2841, 29.1975

Protanomaly

16.5005, 15.3693, 30.9511

Deuteranomaly

16.3678, 15.1962, 28.8585

Tritanomaly

16.5013, 15.2718, 21.8167

Monochromacy



Original Color

17.9623, 15.2841, 29.1975

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0982, 15.6836, 21.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9623, 15.2841, 29.1975 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(124, 99, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 146)  
}
```

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(124, 99, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 146) }
```

Border

The CSS property to change the border of an element to XYZ 17.9623, 15.2841, 29.1975 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(124, 99, 146) }
```


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

```
.border{ border-color:rgb(124, 99, 146) }
```

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

Here you see how a box with a 4 pixel rgb(124, 99, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 146);  
box-shadow:4px 4px 4px 4px rgb(124, 99,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9623, 15.2841, 29.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 146) }
```

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

```
.background{ background-color: rgb(124, 99,  
146) }
```

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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