

Converting Colors

XYZ(19.2691, 17.9948, 41.9929)

Have a look what the booklet for
XYZ(19.2691, 17.9948, 41.9929)
contains.

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Color

**XYZ(19.2691, 17.9948,
41.9929)**

Conversions

Conversions Part 1

Format	Color
Hex	6872AD
RGB	104, 114, 173
RGB Percent	41%, 45%, 68%
CMY	0.5921, 0.5529, 0.3216
CMYK	0.40, 0.34, 0.00, 0.32
HSL	231°, 30%, 54%
HSV	231°, 40%, 68%
XYZ	19.2691, 17.9948, 41.9929
YIQ	117.7360, -24.8990, 16.2290

Conversions

Conversions Part 2

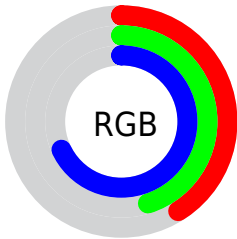
Format	Color
RYB	104, 113, 173
Decimal	6845101
CIELab	49.49, 11.44, -32.67
CIELCh	49, 34.613, 289.306
Yxy	17.9948, 0.2431, 0.2270
Android (android.graphics.Color)	4285035181 (0xFF6872AD)
YUV	117.7360, 27.2452, -12.0465
Hunter-Lab	42.4203, 6.8468, -28.9985

Details

The XYZ color **19.2691, 17.9948, 41.9929** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.8302, 36.0791, 18.3313**, and the grayscale version is **17.0611, 17.9497, 19.5472**.

A 20% lighter version of the original color is **41.8796, 40.1987, 79.6806**, and **6.7546, 5.9826, 18.5680** is the 20% darker color. If you saturate the color by 10%, you get **15.9274, 13.9924, 41.3968**, and if you desaturate by 10%, it is **23.2939, 22.7506, 42.6991**.

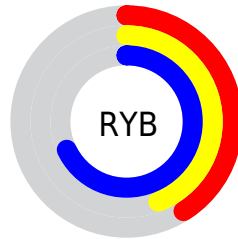
Distribution



Red (41%)

Green (45%)

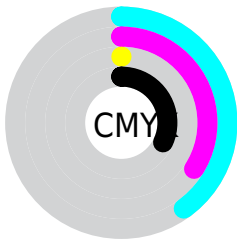
Blue (68%)



Red (41%)

Yellow (44%)

Blue (68%)

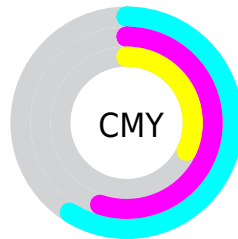


Cyan (40%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (59%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2691, 17.9948, 41.9929 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 19.2691, 17.9948, 41.9929 by changing the saturation by 10% instead.

■ 19.2691, 17.9948,
41.9929

■ 19.2691, 17.9948,
41.9929

240.8400,
240.8417, 370.2523

■ 11.9700, 10.9463,
28.7702

■ 41.7017, 40.0285,
79.4589

■ 6.7953, 6.0307,
18.6630

■ 57.5659, 55.7824,
104.5392

■ 3.3796, 2.8638,
11.2527

■ 77.0159, 75.2069,
134.4092

■ 1.3576, 1.0610,
6.1207

■ 100.4171, 98.6863,
169.4873

■ 0.2257, 0.0000,
2.8487

128.1347,
126.6051, 210.1921

■ 0.0000, 0.0000,
1.0179

160.5342,

■ 0.0000, 0.0000,

159.3477, 256.9422

0.0000

197.9808,
197.2984, 310.1561

■ 19.2691, 17.9948,
41.9929

■ 19.2691, 17.9948,
41.9929

■ 15.9274, 13.9924,
41.3968

■ 23.2939, 22.7506,
42.6991

■ 13.2285, 10.7025,
40.9041

■ 28.0353, 28.2940,
43.5192

■ 11.1310, 8.0832,
40.5090

■ 33.5266, 34.6595,
44.4584

■ 9.5875, 6.0872,
40.2051

■ 39.7986, 41.8787,
45.5213

■ 8.5432, 4.6610,
39.9849

■ 46.8805, 49.9819,
46.7121

■ 7.8983, 3.7242,
39.8380

■ 54.7997, 58.9976,
48.0349

■ 7.8920, 3.7154,
39.8367

■ 63.5825, 68.9532,
49.4936

■ 73.2541, 79.8748,
51.0920

■ 82.0865, 90.8844,
52.7515

Harmonies

Analogous

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



15.9624, 17.9948, 43.1679



19.2691, 17.9948, 41.9929



22.3311, 17.9948, 33.8464

Triad

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



19.2691, 17.9948, 41.9929



21.5425, 17.9948, 8.8608



11.6362, 17.9948, 16.4363

Complementary

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



19.2691, 17.9948, 41.9929



32.8302, 36.0791, 18.3313

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.



12.7629, 17.9948, 10.0366



19.2691, 17.9948, 41.9929



18.2977, 17.9948, 6.6854

Square

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



19.2691, 17.9948, 41.9929



23.7550, 17.9948, 14.2194



15.1066, 17.9948, 7.0332



11.8264, 17.9948, 26.1747

Rectangle

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



19.2691, 17.9948, 41.9929



23.6902, 17.9948, 26.6752



15.1066, 17.9948, 7.0332



11.8671, 17.9948, 13.8908

Sweetspot

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



19.2697, 17.9955, 41.9933



57.6326, 59.2856, 79.2115



27.2327, 35.4625, 39.8963



12.2515, 12.5677, 17.1678



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.2697, 17.9955, 41.9933



29.0946, 25.7469, 74.2420



21.4186, 17.5195, 41.7882



7.6691, 7.9376, 10.0806



5.8245, 2.7828, 29.2747



0.1903, 0.1339, 0.8238

Inverse Universe

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



25.2218, 20.0006, 18.4513



41.3748, 30.2353, 25.5916



29.8099, 37.2625, 18.7189



8.0508, 8.0336, 8.5782



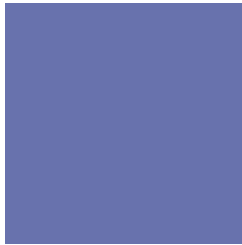
12.8036, 6.5840, 1.3451



0.3704, 0.1889, 0.1124

Previews

White Background



This preview shows how the XYZ color 19.2691, 17.9948, 41.9929 looks on a white background.

Color Contrast Check

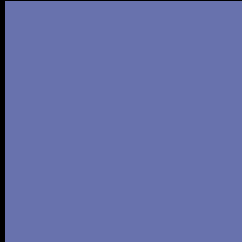
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2691, 17.9948, 41.9929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

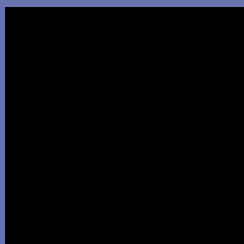
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2691, 17.9948, 41.9929

Background



This preview shows how black text looks on a background with the XYZ color 19.2691, 17.9948, 41.9929.



This preview shows how white text looks on a background with the XYZ color 19.2691, 17.9948,

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

19.2691, 17.9948, 41.9929

Protanopia

18.9224, 18.1434, 42.5491

Deuteranopia

18.4238, 18.0808, 41.5486



Tritanopia

15.7405, 17.9647, 24.4677

Trichromacy



Original Color

19.2691, 17.9948, 41.9929

Protanomaly

19.0262, 18.0268, 42.5211

Deuteranomaly

18.7288, 18.0660, 41.5297

Tritanomaly

16.9003, 17.8969, 30.1675

Monochromacy



Original Color

19.2691, 17.9948, 41.9929

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.7588, 18.0683, 26.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2691, 17.9948, 41.9929 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(104, 114, 173)` looks like.

```
.text, #text, p{  
    color:rgb(104, 114, 173)  
}
```

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(104, 114, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 114, 173) }
```

Border

The CSS property to change the border of an element to XYZ 19.2691, 17.9948, 41.9929 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(104, 114, 173) }
```


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

```
.border{ border-color:rgb(104, 114, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 114, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 114, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 114, 173);  
box-shadow:4px 4px 4px 4px rgb(104, 114,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2691, 17.9948, 41.9929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 114, 173) }
```

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

```
.background{ background-color: rgb(104,  
114, 173) }
```

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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