

Converting Colors

XYZ(18.1673, 17.2603, 41.9092)

Have a look what the booklet for
XYZ(18.1673, 17.2603, 41.9092)
contains.

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Color

**XYZ(18.1673, 17.2603,
41.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	5F71AD
RGB	95, 113, 173
RGB Percent	37%, 44%, 68%
CMY	0.6274, 0.5569, 0.3216
CMYK	0.45, 0.35, 0.00, 0.32
HSL	226°, 32%, 53%
HSV	226°, 45%, 68%
XYZ	18.1673, 17.2603, 41.9092
YIQ	114.4580, -29.9880, 14.8440

Conversions

Conversions Part 2

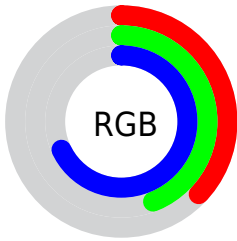
Format	Color
R_{YB}	95, 110, 173
Decimal	6255021
CIE _{Lab}	48.59, 9.63, -34.13
CIE _{LCh}	49, 35.460, 285.757
Yxy	17.2603, 0.2349, 0.2232
Android (android.graphics.Color)	4284445101 (0xFF5F71AD)
YUV	114.4580, 28.8612, -17.0647
Hunter-Lab	41.5455, 5.3510, -30.7272

Details

The XYZ color **18.1673, 17.2603, 41.9092** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **31.0212, 33.1541, 15.5918**, and the grayscale version is **16.0547, 16.8908, 18.3941**.

A 20% lighter version of the original color is **39.9924, 38.9570, 79.5404**, and **6.2528, 5.7239, 18.5446** is the 20% darker color. If you saturate the color by 10%, you get **15.1884, 13.6801, 41.3755**, and if you desaturate by 10%, it is **21.7643, 21.4830, 42.5350**.

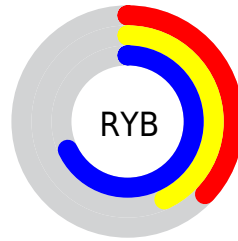
Distribution



Red (37%)

Green (44%)

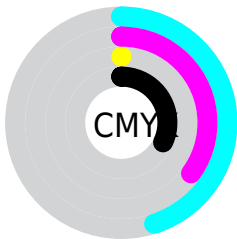
Blue (68%)



Red (37%)

Yellow (43%)

Blue (68%)

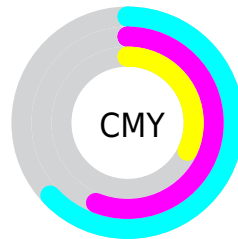


Cyan (45%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (63%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1673, 17.2603, 41.9092 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 18.1673, 17.2603, 41.9092 by changing the saturation by 10% instead.

■ 18.1673, 17.2603,
41.9092

■ 18.1673, 17.2603,
41.9092

234.8397,
236.6680, 369.8950

■ 11.1706, 10.4203,
28.7052

■ 39.8500, 38.7728,
79.3308

■ 6.2498, 5.6785,
18.6142

■ 55.2668, 54.2140,
104.3854

■ 3.0397, 2.6506,
11.2179

■ 74.2209, 73.2911,
134.2273

■ 1.1748, 0.9522,
6.0976

■ 97.0778, 96.3884,
169.2751

■ 0.0863, 0.0000,
2.8348

124.2027,
123.8903, 209.9471

■ 0.0000, 0.0000,
1.0109

155.9611,

■ 0.0000, 0.0000,

156.1813, 256.6621

0.0000

192.7184,
193.6457, 309.8385

■ 18.1673, 17.2603,
41.9092

■ 18.1673, 17.2603,
41.9092

■ 15.1884, 13.6801,
41.3755

■ 21.7643, 21.4830,
42.5350

■ 12.7895, 10.7078,
40.9282

■ 26.0105, 26.3764,
43.2557

■ 10.9312, 8.3083,
40.5630

■ 30.9374, 31.9695,
44.0756

■ 9.5677, 6.4418,
40.2746

■ 36.5737, 38.2889,
44.9983

■ 8.6445, 5.0623,
40.0570

■ 42.9463, 45.3598,
46.0273

■ 8.2990, 4.5294,
39.9723

■ 50.0809, 53.2061,
47.1657

■ 58.0019, 61.8506,
48.4168

■ 66.7325, 71.3154,
49.7835

■ 76.2951, 81.6214,
51.2688

Harmonies

Analogous

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



14.9108, 17.2603, 42.1190



18.1673, 17.2603, 41.9092



21.3186, 17.2603, 34.3092

Triad

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



18.1673, 17.2603, 41.9092



21.1795, 17.2603, 8.6427



11.0485, 17.2603, 14.7132

Complementary

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



18.1673, 17.2603, 41.9092



31.0212, 33.1541, 15.5918

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.



12.3118, 17.2603, 8.8440



18.1673, 17.2603, 41.9092



17.9967, 17.2603, 6.2102

Square

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



18.1673, 17.2603, 41.9092



23.2086, 17.2603, 14.3276



14.7613, 17.2603, 6.2690



11.0814, 17.2603, 24.1026

Rectangle

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



18.1673, 17.2603, 41.9092



22.8110, 17.2603, 27.1715



14.7613, 17.2603, 6.2690



11.3275, 17.2603, 12.3434

Sweetspot

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



18.1679, 17.2609, 41.9096



56.2055, 58.1556, 79.0686



25.5631, 34.6804, 36.2696



11.7863, 12.1552, 17.1127



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.



18.1679, 17.2609, 41.9096



27.2694, 24.5830, 74.1135



18.8117, 14.9018, 41.4203



7.7233, 8.0460, 10.0987



6.1341, 3.4020, 29.3779



0.2116, 0.1766, 0.8309

Inverse Universe

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



24.3070, 18.2617, 17.8671



39.8465, 27.3001, 24.7081



29.9961, 37.4085, 16.4670



8.0781, 8.0445, 8.7223



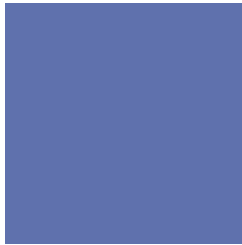
12.9598, 6.6465, 2.1680



0.3812, 0.1932, 0.1693

Previews

White Background



This preview shows how the XYZ color 18.1673, 17.2603, 41.9092 looks on a white background.

Color Contrast Check

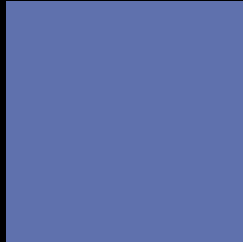
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1673, 17.2603, 41.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

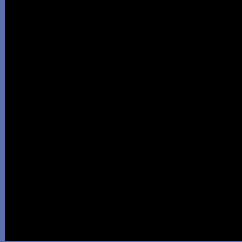
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

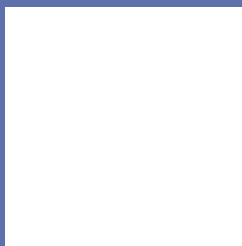
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1673, 17.2603, 41.9092

Background



This preview shows how black text looks on a background with the XYZ color 18.1673, 17.2603, 41.9092.



This preview shows how white text looks on a background with the XYZ color 18.1673, 17.2603,

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

18.1673, 17.2603, 41.9092

Protanopia

18.0640, 17.2071, 41.9044

Deuteranopia

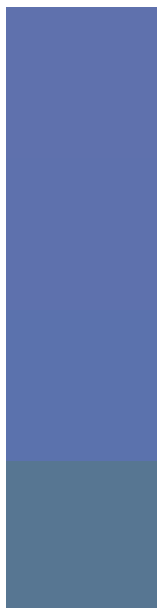
17.7934, 17.4024, 41.9564



Tritanopia

14.5014, 17.1524, 24.0192

Trichromacy



Original Color

18.1673, 17.2603, 41.9092

Protanomaly

18.0640, 17.2071, 41.9044

Deuteranomaly

17.8745, 17.2759, 41.9277

Tritanomaly

15.5972, 17.0584, 29.6647

Monochromacy



Original Color

18.1673, 17.2603, 41.9092

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4539, 16.9097, 25.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1673, 17.2603, 41.9092 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(95, 113, 173)` looks like.

```
.text, #text, p{  
    color:rgb(95, 113, 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(95, 113, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 113, 173) }
```

Border

The CSS property to change the border of an element to XYZ 18.1673, 17.2603, 41.9092 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(95, 113, 173) }
```


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

```
.border{ border-color:rgb(95, 113, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 113, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 113, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 113, 173);  
box-shadow:4px 4px 4px 4px rgb(95, 113,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1673, 17.2603, 41.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 113, 173) }
```

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

```
.background{ background-color: rgb(95, 113,  
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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