

Converting Colors

XYZ(17.0438, 22.0833, 30.0863)

Have a look what the booklet for
XYZ(17.0438, 22.0833, 30.0863)
contains.

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Color

**XYZ(17.0875, 22.1401,
30.1609)**

Conversions

Conversions Part 1

Format	Color
Hex	478C91
RGB	71, 140, 145
RGB Percent	28%, 55%, 57%
CMY	0.7216, 0.4510, 0.4314
CMYK	0.51, 0.03, 0.00, 0.43
HSL	184°, 34%, 42%
HSV	184°, 51%, 57%
XYZ	17.0875, 22.1401, 30.1609
YIQ	119.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

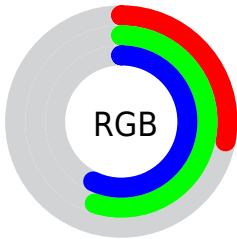
Format	Color
R _Y B	71, 107, 145
Decimal	4689041
CIE Lab	54.18, -20.28, -9.38
CIE LCh	54, 22.349, 204.822
Yxy	22.1401, 0.2463, 0.3191
Android (android.graphics.Color)	4282879121 (0xFF478C91)
YUV	119.9390, 12.3551, -42.9195
Hunter-Lab	47.0533, -17.5205, -5.0673

Details

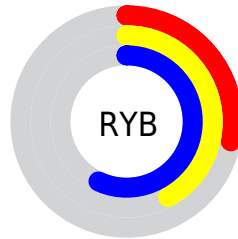
The XYZ color **17.0875, 22.1401, 30.1609** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3993, 11.6441, 7.3979**, and the grayscale version is **17.8053, 18.7326, 20.3998**.

A 20% lighter version of the original color is **38.0580, 47.0671, 61.1118**, and **5.7718, 8.1644, 12.0981** is the 20% darker color. If you saturate the color by 10%, you get **16.0060, 21.3715, 30.0699**, and if you desaturate by 10%, it is **18.4254, 23.0437, 30.2652**.

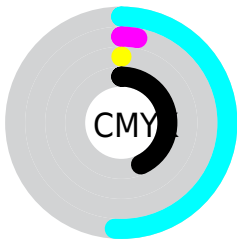
Distribution



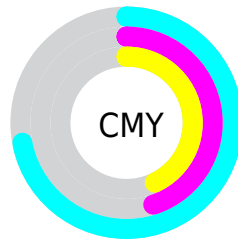
- Red (28%)
- Green (55%)
- Blue (57%)



- Red (28%)
- Yellow (42%)
- Blue (57%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0875, 22.1401, 30.1609 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 17.0875, 22.1401, 30.1609 by changing the saturation by 10% instead.

■ 17.0875, 22.1401,
30.1609

■ 17.0875, 22.1401,
30.1609

228.8225,
263.2770, 316.8843

■ 10.3926, 13.9599,
19.7077

■ 38.0186, 46.9774,
60.9806

■ 5.7243, 8.0928,
12.0008

■ 52.9854, 64.4034,
82.1840

■ 2.7172, 4.1544,
6.6216

■ 71.4403, 85.6800,
107.8080

■ 1.0060, 1.7603,
3.1518

■ 93.7486, 111.1916,
138.2711

■ 0.0000, 0.4622,
1.1727

■ 120.2756,
141.3228, 173.9917

■ 0.0000, 0.0000,
0.0000

151.3867,

176.4578, 215.3884

187.4472,
216.9811, 262.8798

■ 17.0875, 22.1401,
30.1609

■ 17.0875, 22.1401,
30.1609

■ 16.0060, 21.3715,
30.0699

■ 18.4254, 23.0437,
30.2652

■ 15.1606, 20.7261,
29.9899

■ 20.0342, 24.0884,
30.3821

■ 14.5311, 20.1938,
29.9203

■ 21.9297, 25.2829,
30.5127

■ 14.0930, 19.7620,
29.8601

■ 24.1261, 26.6342,
30.6578

■ 13.8036, 19.4298,
29.8112

■ 26.6363, 28.1494,
30.8179

■ 29.4727, 29.8345,
30.9937

■ 32.6470, 31.6958,
31.1857

■ 36.1702, 33.7389,
31.3943

■ 40.0530, 35.9693,
31.6202

Harmonies

Analogous

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



16.7315, 22.1401, 22.9212



17.0875, 22.1401, 30.1609



18.4690, 22.1401, 36.7573

Triad

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



17.0875, 22.1401, 30.1609



25.0910, 22.1401, 32.6511



21.4673, 22.1401, 13.1000

Complementary

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



17.0875, 22.1401, 30.1609



15.3993, 11.6441, 7.3979

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.



23.8468, 22.1401, 14.7534



17.0875, 22.1401, 30.1609



26.0392, 22.1401, 25.3327

Square

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



17.0875, 22.1401, 30.1609



23.0630, 22.1401, 38.3777



25.5673, 22.1401, 18.9224



19.1455, 22.1401, 13.9013

Rectangle

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



17.0875, 22.1401, 30.1609



19.8457, 22.1401, 39.4345



25.5673, 22.1401, 18.9224



22.2885, 22.1401, 13.3759

Sweetspot

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



17.0882, 22.1410, 30.1614



41.4544, 46.6262, 54.7884



14.0267, 22.1118, 10.3548



9.0586, 10.2719, 12.1774



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.



17.0882, 22.1410, 30.1614



28.4540, 38.1178, 53.8313



12.5669, 13.0984, 28.6543



5.5295, 6.0548, 6.9060



11.8472, 16.6804, 25.5723



0.1193, 0.1716, 0.2465

Inverse Universe

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



18.6645, 12.4204, 26.2255



31.6663, 18.9570, 45.6654



18.7126, 18.2707, 8.5023



5.6108, 5.5048, 6.7142



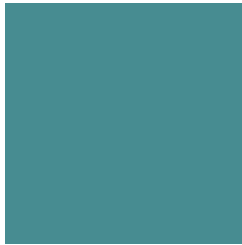
13.7830, 6.6702, 20.3066



0.1348, 0.0650, 0.2103

Previews

White Background



This preview shows how the XYZ color 17.0875, 22.1401, 30.1609 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0875, 22.1401, 30.1609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

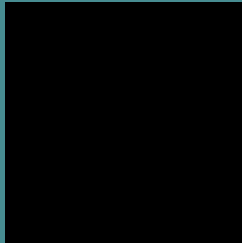
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0875, 22.1401, 30.1609

Background



This preview shows how black text looks on a background with the XYZ color 17.0875, 22.1401, 30.1609.

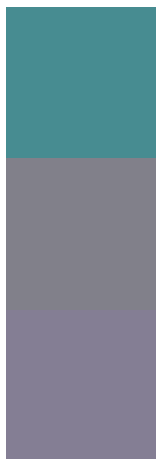


This preview shows how white text looks on a background with the XYZ color 17.0875, 22.1401,

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

17.0875, 22.1401, 30.1609

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

22.3219, 21.9654, 31.0802



Tritanopia

17.4853, 22.0837, 32.1952

Trichromacy



Original Color

17.0875, 22.1401, 30.1609

Protanomaly

19.2433, 21.6138, 28.3569

Deuteranomaly

19.8132, 21.6542, 30.7392

Tritanomaly

17.2504, 21.9811, 31.3506

Monochromacy



Original Color

17.0875, 22.1401, 30.1609

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.0313, 19.5885, 23.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0875, 22.1401, 30.1609 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(71, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(71, 140, 145)  
}
```

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(71, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.0875, 22.1401, 30.1609 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(71, 140, 145) }
```


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

```
.border{ border-color:rgb(71, 140, 145) }
```

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

Here you see how a box with a 4 pixel rgb(71, 140, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(71, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0875, 22.1401, 30.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 140, 145) }
```

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

```
.background{ background-color: rgb(71, 140,  
145) }
```

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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