

Converting Colors

XYZ(17.2366, 22.2170, 30.1679)

Have a look what the booklet for
XYZ(17.2366, 22.2170, 30.1679)
contains.

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Color

**XYZ(17.2366, 22.2170,
30.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	498C91
RGB	73, 140, 145
RGB Percent	29%, 55%, 57%
CMY	0.7137, 0.4510, 0.4314
CMYK	0.50, 0.03, 0.00, 0.43
HSL	184°, 33%, 43%
HSV	184°, 50%, 57%
XYZ	17.2366, 22.2170, 30.1679
YIQ	120.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

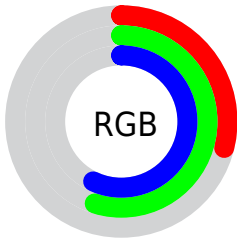
Format	Color
R_{YB}	73, 108, 145
Decimal	4820113
CIE _{Lab}	54.26, -19.82, -9.25
CIE _{LCh}	54, 21.869, 205.029
Y _{xy}	22.2170, 0.2476, 0.3191
Android (android.graphics.Color)	4283010193 (0xFF498C91)
YUV	120.5370, 12.0603, -41.6899
Hunter-Lab	47.1349, -17.2111, -4.9531

Details

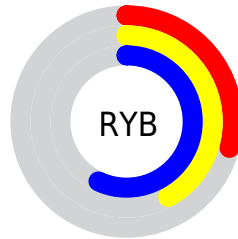
The XYZ color **17.2366, 22.2170, 30.1679** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6045, 11.9500, 7.7881**, and the grayscale version is **17.9974, 18.9347, 20.6199**.

A 20% lighter version of the original color is **38.3530, 47.2191, 61.1256**, and **5.8469, 8.2031, 12.1017** is the 20% darker color. If you saturate the color by 10%, you get **16.1173, 21.4231, 30.0740**, and if you desaturate by 10%, it is **18.6148, 23.1474, 30.2752**.

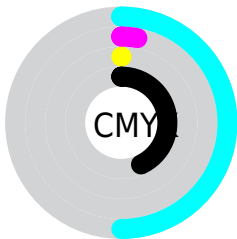
Distribution



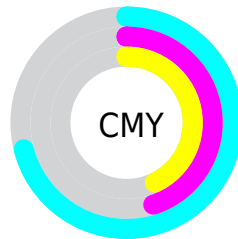
- Red (29%)
- Green (55%)
- Blue (57%)



- Red (29%)
- Yellow (42%)
- Blue (57%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2366, 22.2170, 30.1679 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 17.2366, 22.2170, 30.1679 by changing the saturation by 10% instead.

■ 17.2366, 22.2170,
30.1679

■ 17.2366, 22.2170,
30.1679

229.6619,
263.6774, 316.9179

■ 10.4997, 14.0164,
19.7129

■ 38.2725, 47.1044,
60.9917

■ 5.7963, 8.1321,
12.0045

■ 53.3022, 64.5600,
82.1977

■ 2.7611, 4.1796,
6.6242

■ 71.8268, 85.8694,
107.8244

■ 1.0287, 1.7745,
3.1533

■ 94.2118, 111.4170,
138.2904

■ 0.0000, 0.4712,
1.1735

■ 120.8224,
141.5873, 174.0142

■ 0.0000, 0.0000,
0.0000

152.0241,

176.7645, 215.4143

188.1821,
217.3330, 262.9094

■ 17.2366, 22.2170,
30.1679

■ 17.2366, 22.2170,
30.1679

■ 16.1173, 21.4231,
30.0740

■ 18.6148, 23.1474,
30.2752

■ 15.2367, 20.7537,
29.9913

■ 20.2662, 24.2201,
30.3952

■ 14.5751, 20.1993,
29.9191

■ 22.2064, 25.4437,
30.5292

■ 14.1087, 19.7474,
29.8565

■ 24.4493, 26.8253,
30.6776

■ 13.7769, 19.3669,
29.8005

■ 27.0079, 28.3718,
30.8413

■ 13.7657, 19.3539,
29.7986

■ 29.8944, 30.0893,
31.0207

■ 33.1204, 31.9838,
31.2163

■ 36.6969, 34.0611,
31.4288

■ 40.6345, 36.3265,
31.6585

Harmonies

Analogous

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



16.8789, 22.2170, 23.0728



17.2366, 22.2170, 30.1679



18.6014, 22.2170, 36.5938

Triad

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



17.2366, 22.2170, 30.1679



25.0917, 22.2170, 32.5042



21.5155, 22.2170, 13.3446

Complementary

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



17.2366, 22.2170, 30.1679



15.6045, 11.9500, 7.7881

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.



23.8488, 22.2170, 14.9641



17.2366, 22.2170, 30.1679



26.0101, 22.2170, 25.3438

Square

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



17.2366, 22.2170, 30.1679



23.1118, 22.2170, 38.1105



25.5391, 22.2170, 19.0600



19.2396, 22.2170, 14.1548

Rectangle

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



17.2366, 22.2170, 30.1679



19.9566, 22.2170, 39.1840



25.5391, 22.2170, 19.0600



22.3206, 22.2170, 13.6123

Sweetspot

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



17.2373, 22.2179, 30.1684



41.4432, 46.6037, 54.7847



14.2416, 22.2149, 10.7081



9.0558, 10.2663, 12.1765



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.



17.2373, 22.2179, 30.1684



28.5834, 38.1589, 53.8325



12.8295, 13.4024, 28.6992



5.5287, 6.0531, 6.9057



11.8149, 16.6157, 25.5615



0.1192, 0.1713, 0.2465

Inverse Universe

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



18.7938, 12.6789, 26.2686



31.7847, 19.2076, 45.6620



18.8749, 18.4909, 8.8782



5.6103, 5.5047, 6.7120



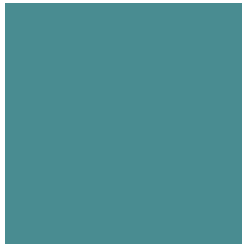
13.7667, 6.6637, 20.2206



0.1348, 0.0650, 0.2099

Previews

White Background



This preview shows how the XYZ color 17.2366, 22.2170, 30.1679 looks on a white background.

Color Contrast Check

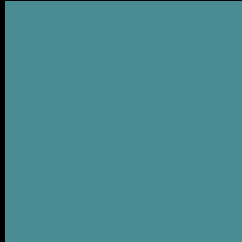
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2366, 22.2170, 30.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

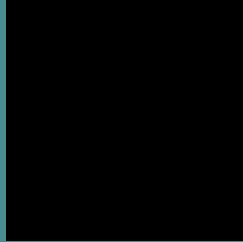
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2366, 22.2170, 30.1679

Background



This preview shows how black text looks on a background with the XYZ color 17.2366, 22.2170, 30.1679.

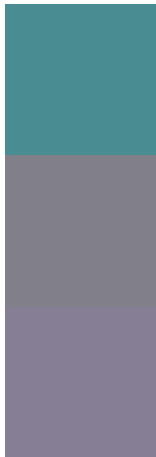


This preview shows how white text looks on a background with the XYZ color 17.2366, 22.2170,

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

17.2366, 22.2170, 30.1679

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

22.4790, 22.0464, 31.0876



Tritanopia

17.6393, 22.1631, 32.2024

Trichromacy



Original Color

17.2366, 22.2170, 30.1679

Protanomaly

19.3657, 21.6768, 28.3627

Deuteranomaly

19.9383, 21.7187, 30.7450

Tritanomaly

17.4020, 22.0592, 31.3576

Monochromacy



Original Color

17.2366, 22.2170, 30.1679

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.4574, 19.9931, 24.0580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2366, 22.2170, 30.1679 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(73, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.2366, 22.2170, 30.1679 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(73, 140, 145) }
```


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

```
.border{ border-color:rgb(73, 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(73, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(73, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2366, 22.2170, 30.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 140, 145) }
```

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

```
.background{ background-color: rgb(73, 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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