

Converting Colors

XYZ(17.3843, 17.9958, 55.8737)

Have a look what the booklet for
XYZ(17.3843, 17.9958, 55.8737)
contains.

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Color

**XYZ(17.3613, 17.9225,
55.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	1679C6
RGB	22, 121, 198
RGB Percent	9%, 47%, 78%
CMY	0.9136, 0.5255, 0.2235
CMYK	0.89, 0.39, 0.00, 0.22
HSL	206°, 80%, 43%
HSV	206°, 89%, 78%
XYZ	17.3613, 17.9225, 55.9704
YIQ	100.1770, -83.7210, 2.9590

Conversions

Conversions Part 2

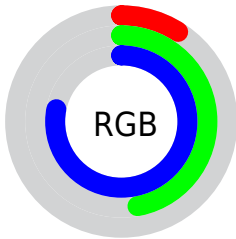
Format	Color
R_{YB}	22, 85, 198
Decimal	1472966
CIE Lab	49.40, 1.79, -47.45
CIE LCh	49, 47.484, 272.160
Yxy	17.9225, 0.1903, 0.1964
Android (android.graphics.Color)	4279663046 (0xFF1679C6)
YUV	100.1770, 48.2267, -68.5612
Hunter-Lab	42.3350, -0.8845, -48.7519

Details

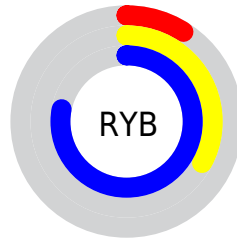
The XYZ color **17.3613, 17.9225, 55.9704** is a dark color, and the websafe version is hex **336699**. The color can be described as dark washed azure. A complement of this color would be **27.8982, 20.9925, 3.3419**, and the grayscale version is **12.0565, 12.6844, 13.8133**.

A 20% lighter version of the original color is **38.4731, 39.9319, 100.2876**, and **7.4166, 6.7787, 27.3031** is the 20% darker color. If you saturate the color by 10%, you get **16.0524, 15.7545, 55.6213**, and if you desaturate by 10%, it is **19.0790, 20.4420, 56.3666**.

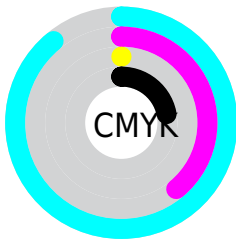
Distribution



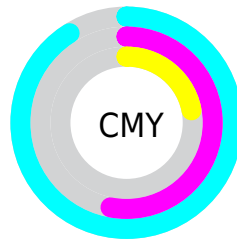
- Red (9%)
- Green (47%)
- Blue (78%)



- Red (9%)
- Yellow (33%)
- Blue (78%)



- Cyan (89%)
- Magenta (39%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3613, 17.9225, 55.9704 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 17.3613, 17.9225, 55.9704 by changing the saturation by 10% instead.

■ 17.3613, 17.9225,
55.9704

■ 17.3613, 17.9225,
55.9704

230.3618,
240.4339, 426.9651

■ 10.5893, 10.8944,
39.7754

■ 38.4846, 39.9052,
100.4467

■ 5.8567, 5.9958,
27.0510

■ 53.5667, 55.6286,
129.5650

■ 2.7979, 2.8426,
17.3787

■ 72.1494, 75.0192,
163.8281

■ 1.0478, 1.0501,
10.3401

■ 94.5983, 98.4613,
203.6546

■ 0.0000, 0.0000,
5.5165

■ 121.2786,
126.3395, 249.4630

■ 0.0000, 0.0000,
2.4894

152.5557,

■ 0.0000, 0.0000,

159.0380, 301.6719

0.8345

188.7950,
196.9414, 360.6997

■ 0.0000, 0.0000,
0.0000

■ 17.3613, 17.9225,
55.9704

■ 17.3613, 17.9225,
55.9704

■ 16.0524, 15.7545,
55.6213

■ 19.0790, 20.4420,
56.3666

■ 15.9172, 15.5255,
55.5842

■ 21.2920, 23.3607,
56.8133

■ 24.0556, 26.7104,
57.3142

■ 27.4161, 30.5186,
57.8722

■ 31.4147, 34.8096,
58.4896

■ 36.0885, 39.6055,
59.1690

■ 41.4717, 44.9271,
59.9125

■ 47.5959, 50.7936,
60.7220

■ 54.4907, 57.2231,
61.5996

Harmonies

Analogous

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



13.3227, 17.9225, 50.4386



17.3613, 17.9225, 55.9704



22.0398, 17.9225, 48.7088

Triad

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



17.3613, 17.9225, 55.9704



25.4106, 17.9225, 9.1138



10.5005, 17.9225, 10.1173

Complementary

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



17.3613, 17.9225, 55.9704



27.8982, 20.9925, 3.3419

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.



12.8514, 17.9225, 5.2003



17.3613, 17.9225, 55.9704



21.3793, 17.9225, 4.8249

Square

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



17.3613, 17.9225, 55.9704



27.1658, 17.9225, 18.6001



16.7124, 17.9225, 3.7918



9.7995, 17.9225, 20.4585

Rectangle

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



17.3613, 17.9225, 55.9704



24.7772, 17.9225, 38.8812



16.7124, 17.9225, 3.7918



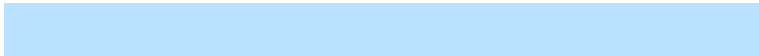
11.1010, 17.9225, 7.9615

Sweetspot

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



17.3620, 17.9231, 55.9709



65.2273, 71.4601, 104.9631



22.7436, 41.4465, 18.4264



13.3039, 14.6331, 22.3732



0.0000, 0.0000, 0.0000



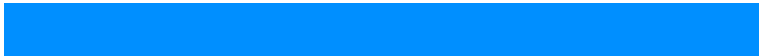
20.3446, 21.4041, 23.3091

Same Dimension

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



17.3620, 17.9231, 55.9709



27.9359, 26.9917, 98.3453



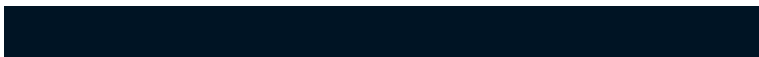
11.0897, 5.3784, 53.8801



10.5432, 11.2606, 13.5353



10.4378, 10.2694, 36.1764



0.5654, 0.6287, 1.7367

Inverse Universe

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



27.0275, 13.9612, 19.3597



46.2299, 23.2560, 28.2066



41.0496, 47.2951, 7.7257



10.8795, 10.7352, 12.3486



17.0678, 8.5767, 10.8330



0.8441, 0.4205, 0.7022

Previews

White Background



This preview shows how the XYZ color 17.3613, 17.9225, 55.9704 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 17.3613, 17.9225, 55.9704 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 17.3613, 17.9225, 55.9704

Background



This preview shows how black text looks on a background with the XYZ color 17.3613, 17.9225, 55.9704.



This preview shows how white text looks on a background with the XYZ color 17.3613, 17.9225,

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

17.3613, 17.9225, 55.9704

Protanopia

19.3695, 17.8188, 52.2877

Deuteranopia

18.4746, 17.9502, 56.5239



Tritanopia

12.6428, 17.8293, 27.2012

Trichromacy



Original Color

17.3613, 17.9225, 55.9704

Protanomaly

18.1488, 17.6744, 53.4939

Deuteranomaly

17.9443, 17.8526, 56.5330

Tritanomaly

14.0347, 17.7684, 35.9477

Monochromacy



Original Color

17.3613, 17.9225, 55.9704

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.4790, 13.8804, 25.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3613, 17.9225, 55.9704 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(22, 121, 198)` looks like.

```
.text, #text, p{  
    color:rgb(22, 121, 198)  
}
```

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(22, 121, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 121, 198) }
```

Border

The CSS property to change the border of an element to XYZ 17.3613, 17.9225, 55.9704 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(22, 121, 198) }
```


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

```
.border{ border-color:rgb(22, 121, 198) }
```

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

Here you see how a box with a 4 pixel rgb(22, 121, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 121, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 121, 198);  
box-shadow:4px 4px 4px 4px rgb(22, 121,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3613, 17.9225, 55.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 121, 198) }
```

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

```
.background{ background-color: rgb(22, 121,  
198) }
```

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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