

Converting Colors

XYZ(18.5959, 22.2203, 27.3898)

Have a look what the booklet for
XYZ(18.5959, 22.2203, 27.3898)
contains.

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Color

**XYZ(18.5372, 22.0959,
27.3327)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 63888A |
| RGB | 99, 136, 138 |
| RGB Percent | 39%, 53%, 54% |
| CMY | 0.6118, 0.4667, 0.4588 |
| CMYK | 0.28, 0.01, 0.00, 0.46 |
| HSL | 183°, 16%, 46% |
| HSV | 183°, 28%, 54% |
| XYZ | 18.5372, 22.0959, 27.3327 |
| YIQ | 125.1650, -22.6940, -7.2220 |

Conversions

Conversions Part 2

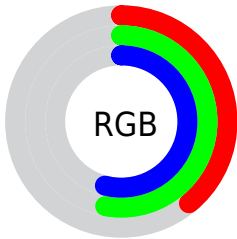
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 118, 138 |
| Decimal | 6523018 |
| CIE _{Lab} | 54.13, -12.32, -5.25 |
| CIE _{LCh} | 54, 13.392, 203.096 |
| Yxy | 22.0959, 0.2727, 0.3251 |
| Android (android.graphics.Color) | 4284713098 (0xFF63888A) |
| YUV | 125.1650, 6.3277, -22.9467 |
| Hunter-Lab | 47.0063, -11.8685, -1.5709 |

Details

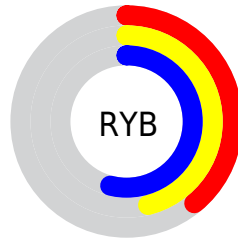
The XYZ color **18.5372, 22.0959, 27.3327** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3874, 15.6118, 13.9019**, and the grayscale version is **19.5339, 20.5512, 22.3802**.

A 20% lighter version of the original color is **40.3641, 46.7361, 56.1838**, and **6.4046, 8.0383, 10.4465** is the 20% darker color. If you saturate the color by 10%, you get **17.0574, 21.1862, 27.2355**, and if you desaturate by 10%, it is **20.2766, 23.1415, 27.4432**.

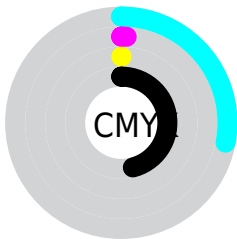
Distribution



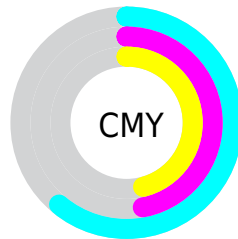
- Red (39%)
- Green (53%)
- Blue (54%)



- Red (39%)
- Yellow (46%)
- Blue (54%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (46%)



- Cyan (61%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5372, 22.0959, 27.3327 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 18.5372, 22.0959, 27.3327 by changing the saturation by 10% instead.

■ 18.5372, 22.0959,
27.3327

■ 18.5372, 22.0959,
27.3327

236.8693,
263.0467, 303.0754

■ 11.4384, 13.9274,
17.5886

■ 40.4735, 46.9044,
56.4275

■ 6.4320, 8.0702,
10.4887

■ 56.0418, 64.3133,
76.6153

■ 3.1526, 4.1399,
5.6143

■ 75.1638, 85.5710,
101.1214

■ 1.2350, 1.7521,
2.5470

■ 98.2051, 111.0620,
130.3643

■ 0.1337, 0.4571,
0.8649

125.5309,
141.1706, 164.7626

■ 0.0000, 0.0000,
0.0000

157.5067,

176.2814, 204.7349

194.4976,
216.7786, 250.6996

■ 18.5372, 22.0959,
27.3327

■ 18.5372, 22.0959,
27.3327

■ 17.0574, 21.1862,
27.2355

■ 20.2766, 23.1415,
27.4432

■ 15.8222, 20.4031,
27.1494

■ 22.2858, 24.3266,
27.5661

■ 14.8180, 19.7399,
27.0743

■ 24.5770, 25.6581,
27.7023

■ 14.0290, 19.1887,
27.0095

■ 27.1607, 27.1413,
27.8524

■ 13.4376, 18.7404,
26.9542

■ 30.0473, 28.7817,
28.0169

■ 13.0233, 18.3842,
26.9073

■ 33.2464, 30.5842,
28.1962

■ 12.7409, 18.0971,
26.8667

■ 36.7672, 32.5535,
28.3907

■ 12.6943, 18.0485,
26.8598

■ 40.6187, 34.6942,
28.6010

■ 44.8093, 37.0108,
28.8272

Harmonies

Analogous

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



18.3506, 22.0959, 23.1105



18.5372, 22.0959, 27.3327



19.3696, 22.0959, 31.0338

Triad

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



18.5372, 22.0959, 27.3327



23.3135, 22.0959, 29.1851



21.3388, 22.0959, 16.9634

Complementary

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



18.5372, 22.0959, 27.3327



17.3874, 15.6118, 13.9019

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.



22.7225, 22.0959, 18.2158



18.5372, 22.0959, 27.3327



23.8961, 22.0959, 25.0324

Square

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



18.5372, 22.0959, 27.3327



22.1156, 22.0959, 32.1864



23.6750, 22.0959, 21.0571



19.9255, 22.0959, 17.4292

Rectangle

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



18.5372, 22.0959, 27.3327



20.2003, 22.0959, 32.5463



23.6750, 22.0959, 21.0571



21.8236, 22.0959, 17.1921

Sweetspot

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



18.5378, 22.0968, 27.3332



39.3158, 42.8990, 48.5914



16.5811, 21.7687, 15.6275



8.7046, 9.5554, 10.8919



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.5378, 22.0968, 27.3332



30.9376, 37.8847, 48.0651



16.0425, 17.1061, 26.5014



5.1513, 5.6455, 6.4240



11.6419, 16.5542, 24.6274



0.0805, 0.1162, 0.1646

Inverse Universe

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



19.3876, 16.1051, 25.3802



32.7073, 25.5469, 43.9657



19.5045, 19.8461, 14.6076



5.2230, 5.1246, 6.2626



13.3631, 6.4554, 20.2143



0.0903, 0.0435, 0.1426

Previews

White Background



This preview shows how the XYZ color 18.5372, 22.0959, 27.3327 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 18.5372, 22.0959, 27.3327 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

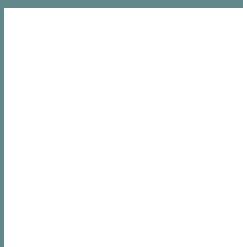
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5372, 22.0959, 27.3327

Background



This preview shows how black text looks on a background with the XYZ color 18.5372, 22.0959, 27.3327.



This preview shows how white text looks on a background with the XYZ color 18.5372, 22.0959,

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

18.5372, 22.0959, 27.3327

Protanopia

21.1587, 21.8776, 25.2979

Deuteranopia

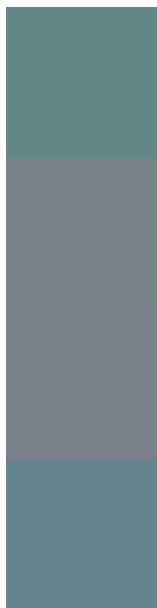
22.2206, 21.7949, 27.8466



Tritanopia

19.2191, 22.1700, 30.4604

Trichromacy



Original Color

18.5372, 22.0959, 27.3327

Protanomaly

20.0972, 21.9038, 26.0903

Deuteranomaly

20.6788, 21.7755, 27.5393

Tritanomaly

18.8774, 22.0204, 29.2420

Monochromacy



Original Color

18.5372, 22.0959, 27.3327

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0820, 21.0252, 24.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5372, 22.0959, 27.3327 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(99, 136, 138) looks like.

```
.text, #text, p{  
    color:rgb(99, 136, 138)  
}
```

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(99, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 136, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.5372, 22.0959, 27.3327 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(99, 136, 138) }
```


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

```
.border{ border-color:rgb(99, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 136, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 136, 138); box-shadow:4px 4px 4px 4px rgb(99, 136, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5372, 22.0959, 27.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 136, 138) }
```

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

```
.background{ background-color: rgb(99, 136,  
138) }
```

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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