

Converting Colors

XYZ(13.9411, 17.8740, 27.2542)

Have a look what the booklet for
XYZ(13.9411, 17.8740, 27.2542)
contains.

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Color

**XYZ(13.9369, 17.9127,
27.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	397F8B
RGB	57, 127, 139
RGB Percent	22%, 50%, 55%
CMY	0.7765, 0.5020, 0.4549
CMYK	0.59, 0.09, 0.00, 0.45
HSL	189°, 42%, 38%
HSV	189°, 59%, 55%
XYZ	13.9369, 17.9127, 27.1490
YIQ	107.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

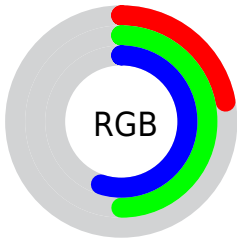
Format	Color
RYB	57, 95, 139
Decimal	3768203
CIELab	49.39, -18.19, -13.14
CIElCh	49, 22.442, 215.839
Yxy	17.9127, 0.2362, 0.3036
Android (android.graphics.Color)	4281958283 (0xFF397F8B)
YUV	107.4380, 15.5601, -44.2341
Hunter-Lab	42.3234, -15.2867, -8.4061

Details

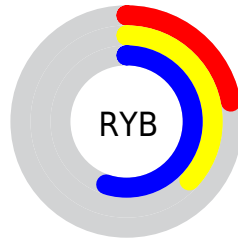
The XYZ color **13.9369, 17.9127, 27.1490** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.5145, 10.0410, 5.0972**, and the grayscale version is **14.0645, 14.7969, 16.1138**.

A 20% lighter version of the original color is **32.5178, 39.8930, 55.8554**, and **4.5276, 6.1700, 10.4035** is the 20% darker color. If you saturate the color by 10%, you get **12.9905, 17.0391, 27.0306**, and if you desaturate by 10%, it is **15.1068, 18.9101, 27.2802**.

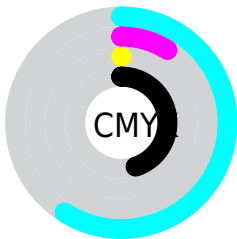
Distribution



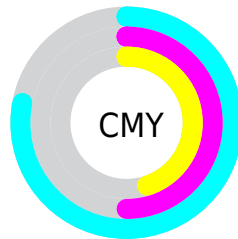
- Red (22%)
- Green (50%)
- Blue (55%)



- Red (22%)
- Yellow (37%)
- Blue (55%)



- Cyan (59%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (78%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9369, 17.9127, 27.1490 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 13.9369, 17.9127, 27.1490 by changing the saturation by 10% instead.

■ 13.9369, 17.9127,
27.1490

■ 13.9369, 17.9127,
27.1490

210.3564,
240.3785, 302.1608

■ 8.1582, 10.8873,
17.4517

■ 32.5642, 39.8885,
56.1295

■ 4.2490, 5.9911,
10.3917

■ 46.1436, 55.6077,
76.2498

■ 1.8439, 2.8397,
5.5505

■ 63.0538, 74.9937,
100.6816

■ 0.5439, 1.0486,
2.5094

■ 83.6604, 98.4308,
129.8433

■ 0.0000, 0.0000,
0.8451

■ 108.3285,
126.3035, 164.1536

■ 0.0000, 0.0000,
0.0000

137.4237,

158.9960, 204.0309

171.3112,
196.8929, 249.8938

■ 13.9369, 17.9127,
27.1490

■ 13.9369, 17.9127,
27.1490

■ 12.9905, 17.0391,
27.0306

■ 15.1068, 18.9101,
27.2802

■ 12.2475, 16.2779,
26.9228

■ 16.5145, 20.0377,
27.4236

■ 11.6875, 15.6187,
26.8251

■ 18.1753, 21.3037,
27.5805

■ 11.2587, 15.0350,
26.7350

■ 20.1027, 22.7151,
27.7513

■ 11.2168, 14.9772,
26.7261

■ 22.3091, 24.2784,
27.9368

■ 24.8062, 25.9997,
28.1374

■ 27.6050, 27.8846,
28.3537

■ 30.7159, 29.9387,
28.5862

■ 34.1488, 32.1670,
28.8354

Harmonies

Analogous

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



13.2918, 17.9127, 20.7130



13.9369, 17.9127, 27.1490



15.4146, 17.9127, 32.1774

Triad

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



13.9369, 17.9127, 27.1490



21.0121, 17.9127, 24.6699



16.6151, 17.9127, 10.0603

Complementary

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



13.9369, 17.9127, 27.1490



13.5145, 10.0410, 5.0972

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.



18.7449, 17.9127, 10.6903



13.9369, 17.9127, 27.1490



21.4001, 17.9127, 18.3428

Square

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



13.9369, 17.9127, 27.1490



19.5194, 17.9127, 30.5512



20.5397, 17.9127, 13.4484



14.7536, 17.9127, 11.5037

Rectangle

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



13.9369, 17.9127, 27.1490



16.7321, 17.9127, 33.5790



20.5397, 17.9127, 13.4484



17.3223, 17.9127, 10.0412

Sweetspot

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



13.9375, 17.9134, 27.1494



36.2225, 40.8383, 49.7164



11.9617, 19.7520, 8.6408



8.1256, 9.2507, 11.4367



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.9375, 17.9134, 27.1494



22.7506, 30.0071, 48.3358



9.7616, 9.5617, 25.7575



5.1115, 5.5660, 6.4108



10.1332, 13.5366, 24.1244



0.0752, 0.1057, 0.1629

Inverse Universe

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



15.9418, 9.9480, 21.1594



26.8614, 14.9482, 35.7640



16.8479, 16.7079, 6.2083



5.2029, 5.1166, 6.1571



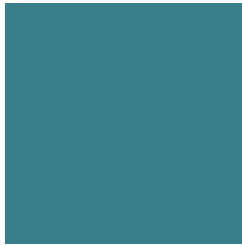
12.6016, 6.1507, 16.2040



0.0877, 0.0425, 0.1286

Previews

White Background



This preview shows how the XYZ color 13.9369, 17.9127, 27.1490 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 13.9369, 17.9127, 27.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

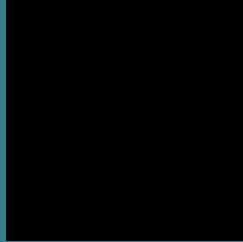
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.9369, 17.9127, 27.1490

Background



This preview shows how black text looks on a background with the XYZ color 13.9369, 17.9127, 27.1490.



This preview shows how white text looks on a background with the XYZ color 13.9369, 17.9127,

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

13.9369, 17.9127, 27.1490

Protanopia

17.3497, 17.7341, 24.3384

Deuteranopia

18.1023, 17.7006, 28.0537



Tritanopia

13.8077, 17.8545, 26.7633

Trichromacy



Original Color

13.9369, 17.9127, 27.1490

Protanomaly

15.6038, 17.5094, 25.4789

Deuteranomaly

16.1239, 17.5496, 27.7369

Tritanomaly

13.8077, 17.8545, 26.7633

Monochromacy



Original Color

13.9369, 17.9127, 27.1490

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.4669, 15.4904, 19.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9369, 17.9127, 27.1490 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(57, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(57, 127, 139)  
}
```

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(57, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 127, 139) }
```

Border

The CSS property to change the border of an element to XYZ 13.9369, 17.9127, 27.1490 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(57, 127, 139) }
```


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

```
.border{ border-color:rgb(57, 127, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(57, 127,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9369, 17.9127, 27.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 127, 139) }
```

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

```
.background{ background-color: rgb(57, 127,  
139) }
```

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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