

Converting Colors

XYZ(12.1074, 13.2394, 17.8369)

Have a look what the booklet for
XYZ(12.1074, 13.2394, 17.8369)
contains.

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Color

**XYZ(12.1074, 13.2394,
17.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	596872
RGB	89, 104, 114
RGB Percent	35%, 41%, 45%
CMY	0.6510, 0.5921, 0.5529
CMYK	0.22, 0.09, 0.00, 0.55
HSL	204°, 12%, 40%
HSV	204°, 22%, 45%
XYZ	12.1074, 13.2394, 17.8369
YIQ	100.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

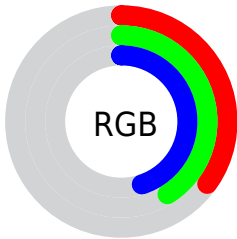
Format	Color
R_{YB}	89, 98, 114
Decimal	5859442
CIE _{Lab}	43.12, -3.26, -7.50
CIE _{LCh}	43, 8.176, 246.529
Yxy	13.2394, 0.2804, 0.3066
Android (android.graphics.Color)	4284049522 (0xFF596872)
YUV	100.6550, 6.5791, -10.2214
Hunter-Lab	36.3860, -4.2798, -3.5946

Details

The XYZ color **12.1074, 13.2394, 17.8369** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2045, 13.2223, 11.3077**, and the grayscale version is **12.2670, 12.9058, 14.0544**.

A 20% lighter version of the original color is **29.2517, 31.6848, 40.6504**, and **3.4428, 3.8332, 5.7127** is the 20% darker color. If you saturate the color by 10%, you get **10.6505, 11.8257, 17.6410**, and if you desaturate by 10%, it is **13.7593, 14.7912, 18.0496**.

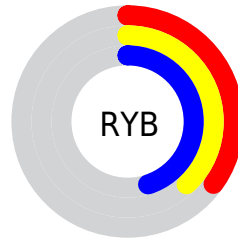
Distribution



 Red (35%)

 Green (41%)

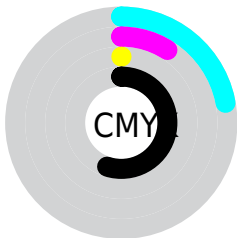
 Blue (45%)




 Red (35%)

 Yellow (38%)

 Blue (45%)

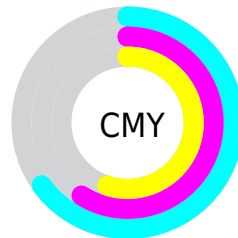



 Cyan (22%)


 Magenta (9%)

 Yellow (0%)

 Black (55%)



 Cyan (65%)

 Magenta (59%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1074, 13.2394, 17.8369 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 12.1074, 13.2394, 17.8369 by changing the saturation by 10% instead.

■ 12.1074, 13.2394,
17.8369

■ 12.1074, 13.2394,
17.8369

■ 198.8704,
212.4463, 252.1553

■ 6.8896, 7.5936,
10.6647

■ 29.3057, 31.7332,
40.5694

■ 3.4389, 3.8360,
5.7305

■ 42.0169, 45.3500,
56.9668

■ 1.3899, 1.5823,
2.6158

■ 57.9567, 62.3926,
77.2763

■ 0.2490, 0.3456,
0.9006

■ 77.4903, 83.2454,
101.9166

■ 0.0000, 0.0000,
0.0000

■ 100.9831,
108.2928, 131.3060

128.8005,

137.9191, 165.8633

161.3078,
172.5088, 206.0069

■ 12.1074, 13.2394,
17.8369

■ 12.1074, 13.2394,
17.8369

■ 10.6505, 11.8257,
17.6410

■ 13.7593, 14.7912,
18.0496

■ 9.3794, 10.5437,
17.4606

■ 15.6128, 16.4839,
18.2786

■ 8.2856, 9.3887,
17.2953

■ 17.6754, 18.3225,
18.5248

■ 7.3595, 8.3553,
17.1446

■ 19.9540, 20.3108,
18.7885

■ 6.5907, 7.4375,
17.0080

■ 22.4551, 22.4529,
19.0701

■ 5.9674, 6.6284,
16.8847

■ 25.1849, 24.7525,
19.3701

■ 5.4755, 5.9203,
16.7739

■ 28.1495, 27.2132,
19.6888

■ 5.1291, 5.3986,
16.6915

■ 31.3546, 29.8383,
20.0266

■ 34.8058, 32.6314,
20.3838

Harmonies

Analogous

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



11.6353, 13.2394, 16.5802



12.1074, 13.2394, 17.8369



12.7219, 13.2394, 18.1435

Triad

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



12.1074, 13.2394, 17.8369



13.8257, 13.2394, 14.0247



11.8764, 13.2394, 11.8040

Complementary

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



12.1074, 13.2394, 17.8369



13.2045, 13.2223, 11.3077

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.



12.4464, 13.2394, 11.2366



12.1074, 13.2394, 17.8369



13.5822, 13.2394, 12.4478

Square

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



12.1074, 13.2394, 17.8369



13.7276, 13.2394, 15.8416



13.0722, 13.2394, 11.4622



11.5051, 13.2394, 13.0776

Rectangle

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



12.1074, 13.2394, 17.8369



13.1324, 13.2394, 17.7469



13.0722, 13.2394, 11.4622



12.0504, 13.2394, 11.5294

Sweetspot

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



12.1078, 13.2399, 17.8372



25.6807, 27.3734, 31.9056



12.3696, 15.0516, 13.9538



5.9112, 6.3050, 7.3752



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.1078, 13.2399, 17.8372



20.0211, 22.0586, 31.1780



10.9773, 10.9789, 17.4604



3.3684, 3.6021, 4.2720



5.6931, 5.9765, 18.5751



27.4993, 28.0504, 92.2440

Inverse Universe

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



13.0108, 11.7219, 14.6742



21.9116, 18.9995, 24.5295



14.4364, 15.6860, 11.7183



3.4606, 3.4320, 3.9524



8.8919, 4.4492, 6.5069



43.8603, 21.9895, 30.1264

Previews

White Background



This preview shows how the XYZ color 12.1074, 13.2394, 17.8369 looks on a white background.

Color Contrast Check

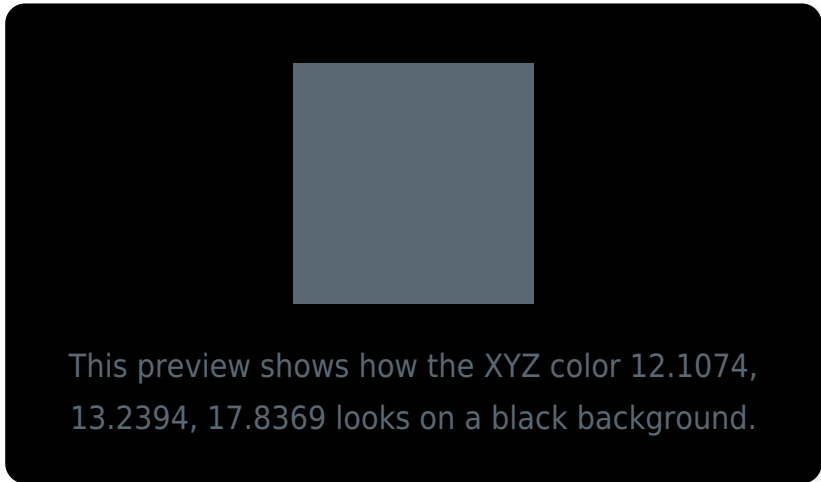
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

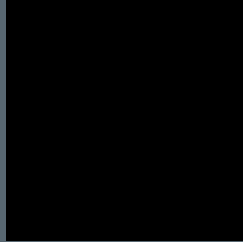
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

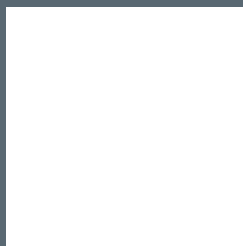
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.1074, 13.2394, 17.8369

Background



This preview shows how black text looks on a background with the XYZ color 12.1074, 13.2394, 17.8369.



This preview shows how white text looks on a background with the XYZ color 12.1074, 13.2394,

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

12.1074, 13.2394, 17.8369

Protanopia

12.8338, 13.1865, 17.1981

Deuteranopia

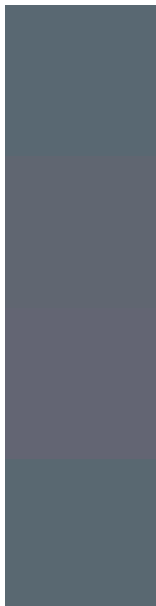
13.3821, 13.1647, 18.0554



Tritanopia

12.0508, 13.2167, 17.5387

Trichromacy



Original Color

12.1074, 13.2394, 17.8369

Protanomaly

12.5559, 13.1818, 17.5054

Deuteranomaly

12.8938, 13.1978, 18.0875

Tritanomaly

12.0508, 13.2167, 17.5387

Monochromacy



Original Color

12.1074, 13.2394, 17.8369

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.2827, 13.0847, 15.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1074, 13.2394, 17.8369 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(89, 104, 114) looks like.

```
.text, #text, p{  
    color:rgb(89, 104, 114)  
}
```

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(89, 104, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 104, 114) }
```

Border

The CSS property to change the border of an element to XYZ 12.1074, 13.2394, 17.8369 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(89, 104, 114) }
```


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

```
.border{ border-color:rgb(89, 104, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 104, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 104, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 104, 114);  
box-shadow:4px 4px 4px 4px rgb(89, 104,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1074, 13.2394, 17.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 104, 114) }
```

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

```
.background{ background-color: rgb(89, 104,  
114) }
```

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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