

Converting Colors

XYZ(14.0257, 17.2097, 21.3592)

Have a look what the booklet for
XYZ(14.0257, 17.2097, 21.3592)
contains.

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Color

**XYZ(14.0144, 17.1430,
21.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	527A7B
RGB	82, 122, 123
RGB Percent	32%, 48%, 48%
CMY	0.6784, 0.5216, 0.5176
CMYK	0.33, 0.01, 0.00, 0.52
HSL	181°, 20%, 40%
HSV	181°, 33%, 48%
XYZ	14.0144, 17.1430, 21.3092
YIQ	110.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

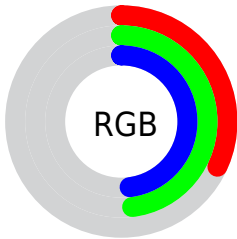
Format	Color
R_{YB}	82, 102, 123
Decimal	5405307
CIE _{Lab}	48.44, -13.61, -5.01
CIE _{LCh}	48, 14.503, 200.229
Yxy	17.1430, 0.2671, 0.3267
Android (android.graphics.Color)	4283595387 (0xFF527A7B)
YUV	110.1540, 6.3331, -24.6911
Hunter-Lab	41.4041, -12.0388, -1.5316

Details

The XYZ color **14.0144, 17.1430, 21.3092** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7849, 11.0069, 9.4338**, and the grayscale version is **14.8530, 15.6265, 17.0173**.

A 20% lighter version of the original color is **32.7407, 38.7416, 46.3097**, and **4.2458, 5.5828, 7.3324** is the 20% darker color. If you saturate the color by 10%, you get **13.0027, 16.5673, 21.2517**, and if you desaturate by 10%, it is **15.2190, 17.8191, 21.3765**.

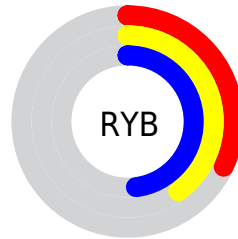
Distribution



Red (32%)

Green (48%)

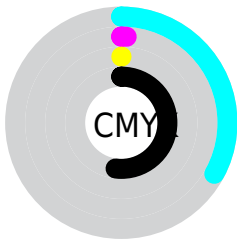
Blue (48%)



Red (32%)

Yellow (40%)

Blue (48%)

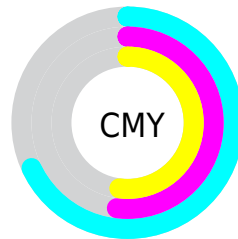


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0144, 17.1430, 21.3092 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 14.0144, 17.1430, 21.3092 by changing the saturation by 10% instead.

■ 14.0144, 17.1430,
21.3092

■ 14.0144, 17.1430,
21.3092

210.8292,
235.9951, 271.7520

■ 8.2125, 10.3365,
13.1568

■ 32.7006, 38.5715,
46.4890

■ 4.2841, 5.6226,
7.4046

■ 46.3156, 53.9622,
64.3535

■ 1.8641, 2.6170,
3.6341

■ 63.2657, 72.9832,
86.2924

■ 0.5558, 0.9352,
1.4269

■ 83.9161, 96.0188,
112.7242

■ 0.0000, 0.0000,
0.1625

■ 108.6324,
123.4534, 144.0675

■ 0.0000, 0.0000,
0.0000

137.7797,

155.6714, 180.7409

171.7235,
193.0571, 223.1629

■ 14.0144, 17.1430,
21.3092

■ 14.0144, 17.1430,
21.3092

■ 13.0027, 16.5673,
21.2517

■ 15.2190, 17.8191,
21.3765

■ 12.1721, 16.0848,
21.2023

■ 16.6245, 18.5985,
21.4529

■ 11.5119, 15.6903,
21.1610

■ 18.2403, 19.4865,
21.5391

■ 11.0097, 15.3774,
21.1271

■ 20.0746, 20.4873,
21.6356

■ 10.6513, 15.1388,
21.0999

■ 22.1353, 21.6050,
21.7427

■ 10.4190, 14.9653,
21.0787

■ 24.4299, 22.8435,
21.8608

■ 10.2923, 14.8643,
21.0658

■ 26.9657, 24.2064,
21.9903

■ 29.7493, 25.6973,
22.1313

■ 32.7874, 27.3195,
22.2843

Harmonies

Analogous

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



13.9058, 17.1430, 17.4526



14.0144, 17.1430, 21.3092



14.7150, 17.1430, 24.8668

Triad

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



14.0144, 17.1430, 21.3092



18.3355, 17.1430, 23.7434



16.7309, 17.1430, 12.3490

Complementary

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



14.0144, 17.1430, 21.3092



12.7849, 11.0069, 9.4338

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.



17.9818, 17.1430, 13.5923



14.0144, 17.1430, 21.3092



18.9409, 17.1430, 19.9340

Square

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



14.0144, 17.1430, 21.3092



17.1925, 17.1430, 26.3991



18.8081, 17.1430, 16.2506



15.4272, 17.1430, 12.6127

Rectangle

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



14.0144, 17.1430, 21.3092



15.4457, 17.1430, 26.4244



18.8081, 17.1430, 16.2506



17.1726, 17.1430, 12.5973

Sweetspot

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



14.0149, 17.1437, 21.3096



30.6220, 33.7744, 38.4618



12.1122, 16.5798, 10.6819



7.1354, 7.9122, 9.0542



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.0149, 17.1437, 21.3096



23.6800, 29.8944, 38.0787



11.7886, 12.6911, 20.5675



4.0991, 4.4965, 5.0950



10.6466, 15.3756, 21.7919



50.6897, 73.1521, 103.9179

Inverse Universe

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



14.6990, 11.6511, 19.8873



25.1114, 18.4840, 35.0838



14.5602, 14.5576, 10.0256



4.1505, 4.0759, 4.9901



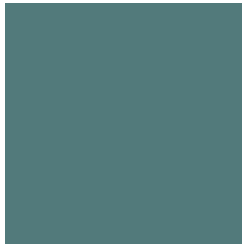
11.9572, 5.7590, 18.8635



56.9890, 27.4519, 89.7269

Previews

White Background



This preview shows how the XYZ color 14.0144, 17.1430, 21.3092 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 14.0144, 17.1430, 21.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

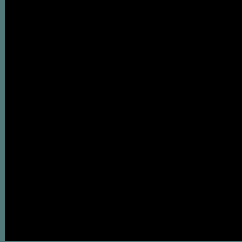
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0144, 17.1430, 21.3092

Background



This preview shows how black text looks on a background with the XYZ color 14.0144, 17.1430, 21.3092.



This preview shows how white text looks on a background with the XYZ color 14.0144, 17.1430,

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

14.0144, 17.1430, 21.3092

Protanopia

16.4898, 17.0556, 19.5625

Deuteranopia

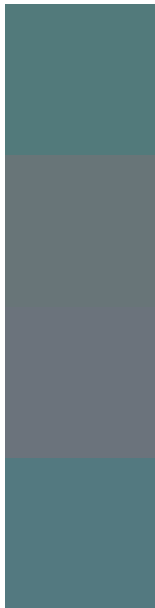
17.2713, 16.9145, 21.7566



Tritanopia

14.5903, 17.1983, 24.0233

Trichromacy



Original Color

14.0144, 17.1430, 21.3092

Protanomaly

15.4604, 17.0217, 20.2400

Deuteranomaly

15.8322, 16.8425, 21.4853

Tritanomaly

14.3009, 17.0723, 22.9636

Monochromacy



Original Color

14.0144, 17.1430, 21.3092

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3674, 15.9818, 18.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0144, 17.1430, 21.3092 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(82, 122, 123) looks like.

```
.text, #text, p{  
    color:rgb(82, 122, 123)  
}
```

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(82, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 122, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.0144, 17.1430, 21.3092 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(82, 122, 123) }
```


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

```
.border{ border-color:rgb(82, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(82, 122,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0144, 17.1430, 21.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 122, 123) }
```

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

```
.background{ background-color: rgb(82, 122,  
123) }
```

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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