

Converting Colors

XYZ(14.1827, 17.0781, 21.8280)

Have a look what the booklet for
XYZ(14.1827, 17.0781, 21.8280)
contains.

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Color

**XYZ(14.1952, 17.0402,
21.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	54797D
RGB	84, 121, 125
RGB Percent	33%, 47%, 49%
CMY	0.6706, 0.5255, 0.5098
CMYK	0.33, 0.03, 0.00, 0.51
HSL	186°, 20%, 41%
HSV	186°, 33%, 49%
XYZ	14.1952, 17.0402, 21.9430
YIQ	110.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

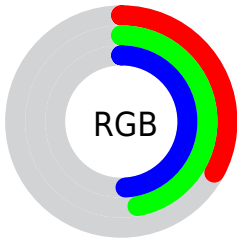
Format	Color
R_{YB}	84, 103, 125
Decimal	5536125
CIE _{Lab}	48.31, -11.92, -6.38
CIE _{LCh}	48, 13.520, 208.145
Yxy	17.0402, 0.2669, 0.3204
Android (android.graphics.Color)	4283726205 (0xFF54797D)
YUV	110.3930, 7.2013, -23.1467
Hunter-Lab	41.2798, -10.8574, -2.6208

Details

The XYZ color **14.1952, 17.0402, 21.9430** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.5477, 11.9797, 9.9862**, and the grayscale version is **14.9191, 15.6960, 17.0930**.

A 20% lighter version of the original color is **32.9711, 38.2524, 47.7652**, and **4.3494, 5.5316, 7.6759** is the 20% darker color. If you saturate the color by 10%, you get **13.0276, 16.2201, 21.8465**, and if you desaturate by 10%, it is **15.5654, 17.9683, 22.0502**.

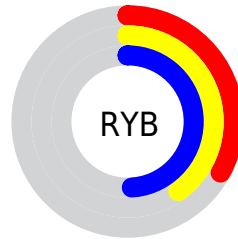
Distribution



Red (33%)

Green (47%)

Blue (49%)



Red (33%)

Yellow (40%)

Blue (49%)

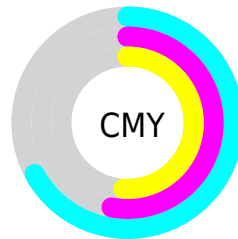


Cyan (33%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1952, 17.0402, 21.9430 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 14.1952, 17.0402, 21.9430 by changing the saturation by 10% instead.

■ 14.1952, 17.0402,
21.9430

■ 14.1952, 17.0402,
21.9430

211.9282,
235.4039, 275.1923

■ 8.3392, 10.2632,
13.6171

■ 33.0184, 38.3949,
47.5528

■ 4.3664, 5.5738,
7.7191

■ 46.7162, 53.7413,
65.6737

■ 1.9114, 2.5877,
3.8306

■ 63.7587, 72.7130,
87.8967

■ 0.5835, 0.9205,
1.5329

■ 84.5112, 95.6943,
114.6404

■ 0.0000, 0.0000,
0.2422

■ 109.3390,
123.0697, 146.3232

■ 0.0000, 0.0000,
0.0000

138.6076,

155.2235, 183.3638

172.6822,
192.5401, 226.1806

■ 14.1952, 17.0402,
21.9430

■ 14.1952, 17.0402,
21.9430

■ 13.0276, 16.2201,
21.8465

■ 15.5654, 17.9683,
22.0502

■ 12.0505, 15.5006,
21.7592

■ 17.1464, 19.0075,
22.1675

■ 11.2527, 14.8763,
21.6807

■ 18.9481, 20.1633,
22.2956

■ 10.6213, 14.3405,
21.6106

■ 20.9790, 21.4400,
22.4350

■ 10.1418, 13.8858,
21.5481

■ 23.2474, 22.8419,
22.5860

■ 9.7965, 13.5029,
21.4924

■ 25.7609, 24.3731,
22.7491

■ 9.5856, 13.2484,
21.4544

■ 28.5271, 26.0374,
22.9245

■ 31.5531, 27.8384,
23.1127

■ 34.8456, 29.7797,
23.3139

Harmonies

Analogous

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



13.9412, 17.0402, 18.3351



14.1952, 17.0402, 21.9430



14.9774, 17.0402, 24.9363

Triad

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



14.1952, 17.0402, 21.9430



18.2936, 17.0402, 22.3712



16.2730, 17.0402, 12.5636

Complementary

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



14.1952, 17.0402, 21.9430



13.5477, 11.9797, 9.9862

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.



17.4794, 17.0402, 13.3656



14.1952, 17.0402, 21.9430



18.6821, 17.0402, 18.7744

Square

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



14.1952, 17.0402, 21.9430



17.3400, 17.0402, 25.2047



18.3769, 17.0402, 15.5330



15.1039, 17.0402, 13.1898

Rectangle

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



14.1952, 17.0402, 21.9430



15.7142, 17.0402, 26.0202



18.3769, 17.0402, 15.5330



16.6879, 17.0402, 12.6728

Sweetspot

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



14.1957, 17.0409, 21.9434



31.4913, 34.5463, 39.7527



12.7275, 17.2474, 11.7650



7.0821, 7.8057, 9.0365



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.



14.1957, 17.0409, 21.9434



23.8906, 29.4467, 39.1690



12.0200, 12.6895, 21.2182



4.4117, 4.8175, 5.5106



10.0015, 13.8215, 22.3906



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0794, 12.0815, 19.6271



25.7447, 19.2703, 34.2574



15.4118, 15.7080, 10.6076



4.4807, 4.4054, 5.3356



11.9253, 5.7898, 16.7281



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1952, 17.0402, 21.9430 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 14.1952, 17.0402, 21.9430 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

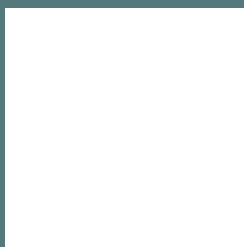
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1952, 17.0402, 21.9430

Background



This preview shows how black text looks on a background with the XYZ color 14.1952, 17.0402, 21.9430.



This preview shows how white text looks on a background with the XYZ color 14.1952, 17.0402,

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

14.1952, 17.0402, 21.9430

Protanopia

16.4777, 17.0355, 20.1890

Deuteranopia

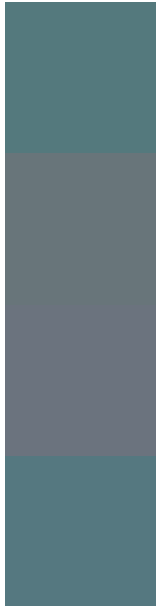
17.2609, 16.8943, 22.4298



Tritanopia

14.4920, 16.9759, 23.6320

Trichromacy



Original Color

14.1952, 17.0402, 21.9430

Protanomaly

15.5831, 17.0708, 20.8860

Deuteranomaly

15.9600, 16.8936, 22.1583

Tritanomaly

14.3591, 16.9227, 22.9317

Monochromacy



Original Color

14.1952, 17.0402, 21.9430

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4787, 16.0391, 18.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1952, 17.0402, 21.9430 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(84, 121, 125) looks like.

```
.text, #text, p{  
    color:rgb(84, 121, 125)  
}
```

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(84, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.1952, 17.0402, 21.9430 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(84, 121, 125) }
```


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

```
.border{ border-color:rgb(84, 121, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 121, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 121, 125);  
box-shadow:4px 4px 4px 4px rgb(84, 121,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1952, 17.0402, 21.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 121, 125) }
```

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

```
.background{ background-color: rgb(84, 121,  
125) }
```

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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