

Converting Colors

XYZ(14.1967, 17.4566, 21.4730)

Have a look what the booklet for
XYZ(14.1967, 17.4566, 21.4730)
contains.

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Color

**XYZ(14.1378, 17.3898,
21.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	527B7B
RGB	82, 123, 123
RGB Percent	32%, 48%, 48%
CMY	0.6784, 0.5176, 0.5176
CMYK	0.33, 0.00, 0.00, 0.52
HSL	180°, 20%, 40%
HSV	180°, 33%, 48%
XYZ	14.1378, 17.3898, 21.3503
YIQ	110.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

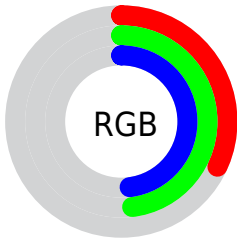
Format	Color
R_{YB}	82, 103, 123
Decimal	5405563
CIE _{Lab}	48.75, -14.16, -4.56
CIE _{LCh}	49, 14.878, 197.844
Yxy	17.3898, 0.2674, 0.3289
Android (android.graphics.Color)	4283595643 (0xFF527B7B)
YUV	110.7410, 6.0437, -25.2059
Hunter-Lab	41.7011, -12.4605, -1.1648

Details

The XYZ color **14.1378, 17.3898, 21.3503** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7093, 10.8553, 9.4088**, and the grayscale version is **15.0230, 15.8053, 17.2120**.

A 20% lighter version of the original color is **32.9361, 39.1324, 46.3748**, and **4.3120, 5.7153, 7.3545** is the 20% darker color. If you saturate the color by 10%, you get **13.1628, 16.8876, 21.3049**, and if you desaturate by 10%, it is **15.3056, 17.9923, 21.4055**.

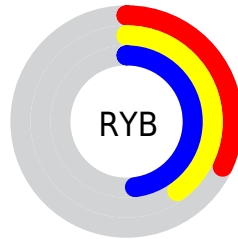
Distribution



Red (32%)

Green (48%)

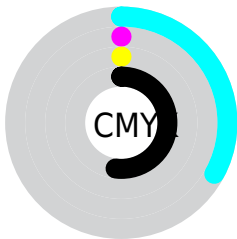
Blue (48%)



Red (32%)

Yellow (40%)

Blue (48%)

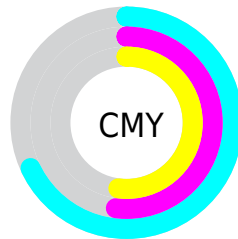


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1378, 17.3898, 21.3503 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 14.1378, 17.3898, 21.3503 by changing the saturation by 10% instead.

■ 14.1378, 17.3898,
21.3503

■ 14.1378, 17.3898,
21.3503

211.5799,
237.4088, 271.9763

■ 8.2989, 10.5128,
13.1866

■ 32.9176, 38.9948,
46.5581

■ 4.3402, 5.7403,
7.4249

■ 46.5891, 54.4915,
64.4393

■ 1.8963, 2.6878,
3.6468

■ 63.6023, 73.6303,
86.3968

■ 0.5747, 0.9710,
1.4336

■ 84.3225, 96.7956,
112.8489

■ 0.0000, 0.0000,
0.1677

■ 109.1150,
124.3716, 144.2145

■ 0.0000, 0.0000,
0.0000

138.3451,

156.7429, 180.9118

172.3783,
194.2938, 223.3596

■ 14.1378, 17.3898,
21.3503

■ 14.1378, 17.3898,
21.3503

■ 13.1628, 16.8876,
21.3049

■ 15.3056, 17.9923,
21.4055

■ 12.3687, 16.4782,
21.2676

■ 16.6742, 18.6978,
21.4697

■ 11.7450, 16.1567,
21.2383

■ 18.2530, 19.5117,
21.5437

■ 11.2792, 15.9166,
21.2163

■ 20.0501, 20.4381,
21.6279

■ 10.9571, 15.7505,
21.2011

■ 22.0736, 21.4813,
21.7228

■ 10.7609, 15.6494,
21.1918

■ 24.3309, 22.6450,
21.8285

■ 10.6583, 15.5965,
21.1869

■ 26.8292, 23.9329,
21.9456

■ 29.5752, 25.3485,
22.0742

■ 32.5757, 26.8953,
22.2148

Harmonies

Analogous

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



14.0767, 17.3898, 17.3847



14.1378, 17.3898, 21.3503



14.8171, 17.3898, 25.1193

Triad

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



14.1378, 17.3898, 21.3503



18.5665, 17.3898, 24.4835



17.0914, 17.3898, 12.4562

Complementary

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



14.1378, 17.3898, 21.3503



12.7093, 10.8553, 9.4088

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.



18.3668, 17.3898, 13.8587



14.1378, 17.3898, 21.3503



19.2496, 17.3898, 20.5739

Square

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



14.1378, 17.3898, 21.3503



17.3518, 17.3898, 27.0936



19.1745, 17.3898, 16.7082



15.7317, 17.3898, 12.6038

Rectangle

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



14.1378, 17.3898, 21.3503



15.5515, 17.3898, 26.8470



19.1745, 17.3898, 16.7082



17.5456, 17.3898, 12.7530

Sweetspot

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



14.1383, 17.3905, 21.3507



30.6900, 33.9105, 38.4842



12.1459, 16.6004, 10.5471



7.1532, 7.9479, 9.0601



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.



14.1383, 17.3905, 21.3507



23.9508, 30.4364, 38.1681



11.9239, 12.9615, 20.6130



4.1071, 4.5124, 5.0977



11.0255, 16.1339, 21.9169



52.5926, 76.9601, 104.5455

Inverse Universe

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



12.7093, 10.8553, 9.4088



20.9755, 16.8296, 13.3042



14.4254, 14.2875, 9.9806



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3956



40.3081, 20.7796, 1.8866

Previews

White Background



This preview shows how the XYZ color 14.1378, 17.3898, 21.3503 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 14.1378, 17.3898, 21.3503 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

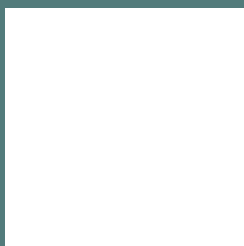
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1378, 17.3898, 21.3503

Background



This preview shows how black text looks on a background with the XYZ color 14.1378, 17.3898, 21.3503.



This preview shows how white text looks on a background with the XYZ color 14.1378, 17.3898,

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

14.1378, 17.3898, 21.3503

Protanopia

16.7369, 17.3514, 19.6066

Deuteranopia

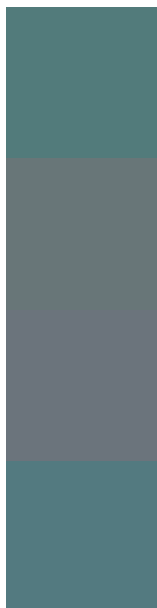
17.5219, 17.2066, 21.7997



Tritanopia

14.7124, 17.4426, 24.0641

Trichromacy



Original Color

14.1378, 17.3898, 21.3503

Protanomaly

15.5775, 17.2560, 20.2790

Deuteranomaly

15.9469, 17.0718, 21.5235

Tritanomaly

14.4231, 17.3166, 23.0043

Monochromacy



Original Color

14.1378, 17.3898, 21.3503

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4808, 16.2086, 18.5850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1378, 17.3898, 21.3503 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, 123, 123) looks like.

```
.text, #text, p{  
  color:rgb(82, 123, 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, 123, 123) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 14.1378, 17.3898, 21.3503 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, 123, 123) }
```


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

```
.border{ border-color:rgb(82, 123, 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, 123, 123)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 14.1378, 17.3898, 21.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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