

Converting Colors

XYZ(14.8149, 19.2022, 23.6747)

Have a look what the booklet for
XYZ(14.8149, 19.2022, 23.6747)
contains.

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Color

**XYZ(14.8264, 19.2340,
23.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	498381
RGB	73, 131, 129
RGB Percent	29%, 51%, 51%
CMY	0.7137, 0.4863, 0.4941
CMYK	0.44, 0.00, 0.02, 0.49
HSL	178°, 28%, 40%
HSV	178°, 44%, 51%
XYZ	14.8264, 19.2340, 23.7000
YIQ	113.4300, -33.9260, -12.9180

Conversions

Conversions Part 2

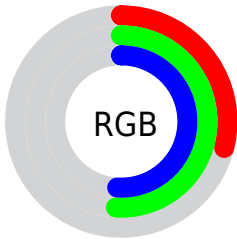
Format	Color
R_{YB}	73, 103, 131
Decimal	4817793
CIE _{Lab}	50.96, -19.47, -4.86
CIE _{LCh}	51, 20.063, 194.017
Yxy	19.2340, 0.2567, 0.3330
Android (android.graphics.Color)	4283007873 (0xFF498381)
YUV	113.4300, 7.6760, -35.4571
Hunter-Lab	43.8566, -16.4043, -1.3406

Details

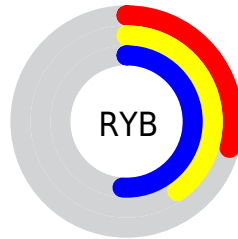
The XYZ color **14.8264, 19.2340, 23.7000** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0133, 10.0990, 7.9207**, and the grayscale version is **15.8094, 16.6327, 18.1130**.

A 20% lighter version of the original color is **34.0414, 42.0184, 50.5721**, and **4.6399, 6.5926, 8.6174** is the 20% darker color. If you saturate the color by 10%, you get **13.9067, 18.7638, 23.5009**, and if you desaturate by 10%, it is **15.9565, 19.8136, 23.9105**.

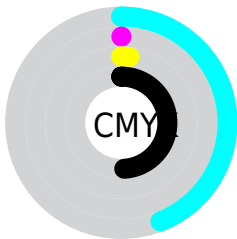
Distribution



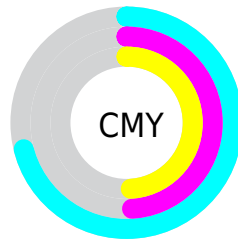
- Red (29%)
- Green (51%)
- Blue (51%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (71%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8264, 19.2340, 23.7000 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 14.8264, 19.2340, 23.7000 by changing the saturation by 10% instead.

■ 14.8264, 19.2340,
23.7000

■ 14.8264, 19.2340,
23.7000

215.7223,
247.7375, 284.5378

■ 8.7832, 11.8395,
14.9011

■ 34.1225, 42.1291,
50.4779

■ 4.6560, 6.6345,
8.6041

■ 48.1061, 58.3985,
69.2939

■ 2.0795, 3.2346,
4.3906

■ 65.4672, 78.3950,
92.2861

■ 0.6781, 1.2554,
1.8420

■ 86.5711, 102.5030,
119.8729

■ 0.0000, 0.1063,
0.4554

■ 111.7832,
131.1068, 152.4730

■ 0.0000, 0.0000,
0.0000

141.4689,

164.5909, 190.5048

175.9935,
203.3397, 234.3869

■ 14.8264, 19.2340,
23.7000

■ 14.8264, 19.2340,
23.7000

■ 13.9067, 18.7638,
23.5009

■ 15.9565, 19.8136,
23.9105

■ 13.1825, 18.3939,
23.3112

■ 17.3073, 20.5064,
24.1316

■ 12.6394, 18.1174,
23.1306

■ 18.8906, 21.3192,
24.3643

■ 12.2608, 17.9256,
22.9585

■ 20.7169, 22.2571,
24.6091

■ 12.0244, 17.8071,
22.7937

■ 22.7958, 23.3253,
24.8663

■ 11.9137, 17.7520,
22.7008

■ 25.1367, 24.5285,
25.1366

■ 27.7483, 25.8713,
25.4202

■ 30.6391, 27.3579,
25.7175

■ 33.8169, 28.9925,
26.0290

Harmonies

Analogous

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



14.8558, 19.2340, 18.0778



14.8264, 19.2340, 23.7000



15.6746, 19.2340, 29.4824

Triad

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



14.8264, 19.2340, 23.7000



21.0604, 19.2340, 29.8162



19.3513, 19.2340, 12.1023

Complementary

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



14.8264, 19.2340, 23.7000



13.0133, 10.0990, 7.9207

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.



21.1622, 19.2340, 14.2350



14.8264, 19.2340, 23.7000



22.1966, 19.2340, 24.0950

Square

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



14.8264, 19.2340, 23.7000



19.2204, 19.2340, 33.4220



22.2352, 19.2340, 18.4077



17.3734, 19.2340, 12.0352

Rectangle

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



14.8264, 19.2340, 23.7000



16.6615, 19.2340, 32.3702



22.2352, 19.2340, 18.4077



20.0029, 19.2340, 12.5813

Sweetspot

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



14.8270, 19.2348, 23.7004



34.1270, 38.3303, 43.6715



12.2920, 18.2468, 9.1779



7.8072, 8.8531, 10.1483



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8270, 19.2348, 23.7004



24.9106, 33.6047, 42.0854



11.8864, 13.1386, 23.3830



4.7949, 5.2762, 5.9310



11.7270, 17.4737, 22.3458



0.0412, 0.0608, 0.0803

Inverse Universe

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



13.0133, 10.0990, 7.9207



21.2303, 15.0535, 10.0563



15.0347, 14.2497, 8.2619



4.6786, 4.6911, 4.9198



9.2382, 4.7596, 0.5606



0.0324, 0.0166, 0.0040

Previews

White Background



This preview shows how the XYZ color 14.8264, 19.2340, 23.7000 looks on a white 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

Black Background



This preview shows how the XYZ color 14.8264, 19.2340, 23.7000 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 14.8264, 19.2340, 23.7000

Background



This preview shows how black text looks on a background with the XYZ color 14.8264, 19.2340, 23.7000.



This preview shows how white text looks on a background with the XYZ color 14.8264, 19.2340,

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

14.8264, 19.2340, 23.7000

Protanopia

18.3177, 19.0006, 21.4409

Deuteranopia

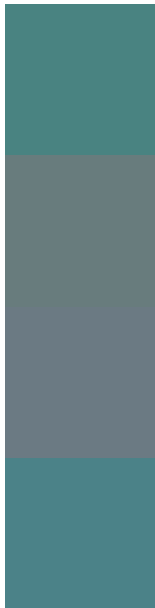
19.2785, 18.9005, 24.4619



Tritanopia

15.5644, 19.1305, 27.6832

Trichromacy



Original Color

14.8264, 19.2340, 23.7000

Protanomaly

16.6182, 18.8390, 22.1625

Deuteranomaly

17.1197, 18.6836, 24.1767

Tritanomaly

15.3282, 19.2387, 26.1981

Monochromacy



Original Color

14.8264, 19.2340, 23.7000

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0832, 17.3615, 20.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8264, 19.2340, 23.7000 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(73, 131, 129)` looks like.

```
.text, #text, p{  
    color:rgb(73, 131, 129)  
}
```

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(73, 131, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 131, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.8264, 19.2340, 23.7000 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(73, 131, 129) }
```


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

```
.border{ border-color:rgb(73, 131, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 131, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 131, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 131, 129);  
box-shadow:4px 4px 4px 4px rgb(73, 131,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8264, 19.2340, 23.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 131, 129) }
```

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

```
.background{ background-color: rgb(73, 131,  
129) }
```

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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