

Converting Colors

XYZ(14.9740, 20.2743, 17.0340)

Have a look what the booklet for
XYZ(14.9740, 20.2743, 17.0340)
contains.

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Color

**XYZ(14.9740, 20.2743,
17.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	54876B
RGB	84, 135, 107
RGB Percent	33%, 53%, 42%
CMY	0.6706, 0.4706, 0.5804
CMYK	0.38, 0.00, 0.21, 0.47
HSL	147°, 23%, 43%
HSV	147°, 38%, 53%
XYZ	14.9740, 20.2743, 17.0340
YIQ	116.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

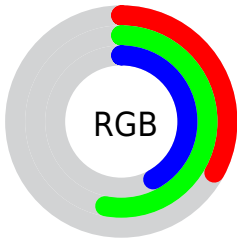
Format	Color
R_{YB}	84, 119, 135
Decimal	5539691
CIE _{Lab}	52.15, -23.69, 9.73
CIE _{LCh}	52, 25.607, 157.675
Yxy	20.2743, 0.2864, 0.3878
Android (android.graphics.Color)	4283729771 (0xFF54876B)
YUV	116.5590, -4.7126, -28.5542
Hunter-Lab	45.0270, -19.4360, 9.0891

Details

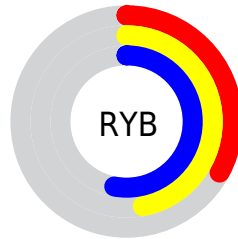
The XYZ color **14.9740, 20.2743, 17.0340** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0874, 12.6620, 16.9263**, and the grayscale version is **16.7915, 17.6660, 19.2383**.

A 20% lighter version of the original color is **34.5225, 44.0981, 39.0400**, and **4.7572, 7.1806, 5.4102** is the 20% darker color. If you saturate the color by 10%, you get **13.5069, 19.5617, 15.0164**, and if you desaturate by 10%, it is **16.7086, 21.1221, 19.2395**.

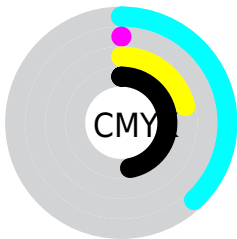
Distribution



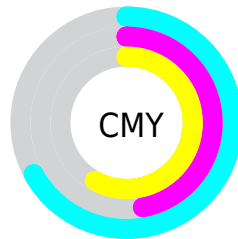
- Red (33%)
- Green (53%)
- Blue (42%)



- Red (33%)
- Yellow (47%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9740, 20.2743, 17.0340 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 14.9740, 20.2743, 17.0340 by changing the saturation by 10% instead.

■ 14.9740, 20.2743,
17.0340

■ 14.9740, 20.2743,
17.0340

216.6003,
253.3962, 247.4188

■ 8.8873, 12.5946,
10.0965

■ 34.3796, 43.8766,
39.1757

■ 4.7243, 7.1500,
5.3566

■ 48.4292, 60.5680,
55.2170

■ 2.1195, 3.5561,
2.3956

■ 65.8639, 81.0320,
75.1299

■ 0.6998, 1.4285,
0.7840

■ 87.0490, 105.6531,
99.3331

■ 0.0000, 0.2376,
0.0000

■ 112.3498,
134.8157, 128.2450

■ 0.0000, 0.0000,
0.0000

142.1317,

168.9042, 162.2843

176.7601,
208.3029, 201.8694

■ 14.9740, 20.2743,
17.0340

■ 14.9740, 20.2743,
17.0340

■ 13.5069, 19.5617,
15.0164

■ 16.7086, 21.1221,
19.2395

■ 12.2913, 18.9744,
13.1804

■ 18.7222, 22.1091,
21.6364

■ 11.3121, 18.5053,
11.5210


■ 21.0276, 23.2426,
24.2298


■ 10.5518, 18.1455,
10.0329


■ 23.6363, 24.5283,
27.0241


■ 9.9903, 17.8847,
8.7100


■ 26.5592, 25.9717,
30.0236


 9.5860, 17.7017,
7.5453

 29.8066, 27.5782,
33.2326

 9.5034, 17.6643,
7.3067

 33.3884, 29.3526,
36.6551

 37.3139, 31.2998,
40.2950

 41.5923, 33.4243,
44.1561

Harmonies

Analogous

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



16.3511, 20.2743, 12.5087



14.9740, 20.2743, 17.0340



14.6946, 20.2743, 24.0596

Triad

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



14.9740, 20.2743, 17.0340



19.9511, 20.2743, 39.6913



23.5406, 20.2743, 14.3767

Complementary

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



14.9740, 20.2743, 17.0340



16.0874, 12.6620, 16.9263

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.



24.7086, 20.2743, 20.2032



14.9740, 20.2743, 17.0340



22.5173, 20.2743, 35.5830

Square

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



14.9740, 20.2743, 17.0340



17.4184, 20.2743, 38.2994



24.3181, 20.2743, 28.0243



21.2486, 20.2743, 11.2346

Rectangle

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



14.9740, 20.2743, 17.0340



15.1427, 20.2743, 29.4804



24.3181, 20.2743, 28.0243



24.0867, 20.2743, 16.0273

Sweetspot

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



14.9745, 20.2751, 17.0345



36.1624, 40.8870, 41.7379



16.9534, 21.4170, 11.6282



8.2630, 9.4140, 9.5409



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.9745, 20.2751, 17.0345



24.6188, 35.2390, 27.5061



16.5166, 20.8919, 25.1546



4.6971, 5.2371, 5.4162



8.7696, 16.2907, 6.7721



0.0340, 0.0579, 0.0424

Inverse Universe

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



16.0874, 12.6620, 16.9263



26.8985, 19.6323, 27.2772



14.8646, 12.1728, 10.4873



4.7716, 4.7283, 5.4094



10.3639, 5.2099, 6.4886



0.0396, 0.0195, 0.0419

Previews

White Background



This preview shows how the XYZ color 14.9740, 20.2743, 17.0340 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 14.9740, 20.2743, 17.0340 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 14.9740, 20.2743, 17.0340

Background



This preview shows how black text looks on a background with the XYZ color 14.9740, 20.2743, 17.0340.



This preview shows how white text looks on a background with the XYZ color 14.9740, 20.2743,

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

14.9740, 20.2743, 17.0340

Protanopia

18.9167, 20.1802, 15.2101

Deuteranopia

20.3958, 19.9822, 17.5338



Tritanopia

17.2040, 20.1637, 28.1845

Trichromacy



Original Color

14.9740, 20.2743, 17.0340

Protanomaly

17.1068, 19.9950, 15.7898

Deuteranomaly

17.8397, 19.7644, 17.3427

Tritanomaly

16.3335, 20.2114, 23.8092

Monochromacy



Original Color

14.9740, 20.2743, 17.0340

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.0140, 18.6108, 18.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9740, 20.2743, 17.0340 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, 135, 107)` looks like.

```
.text, #text, p{  
  color:rgb(84, 135, 107)  
}
```

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, 135, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 135, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.9740, 20.2743, 17.0340 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, 135, 107) }
```


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

```
.border{ border-color:rgb(84, 135, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 135, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 135, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 135, 107);  
box-shadow:4px 4px 4px 4px rgb(84, 135,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9740, 20.2743, 17.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 135, 107) }
```

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

```
.background{ background-color: rgb(84, 135,  
107) }
```

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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