

Converting Colors

XYZ(14.9279, 20.0513, 13.2763)

Have a look what the booklet for
XYZ(14.9279, 20.0513, 13.2763)
contains.

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Color

**XYZ(14.9711, 20.1501,
13.2255)**

Conversions

Conversions Part 1

Format	Color
Hex	5D865C
RGB	93, 134, 92
RGB Percent	36%, 53%, 36%
CMY	0.6353, 0.4745, 0.6392
CMYK	0.31, 0.00, 0.31, 0.47
HSL	119°, 19%, 44%
HSV	119°, 31%, 53%
XYZ	14.9711, 20.1501, 13.2255
YIQ	116.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

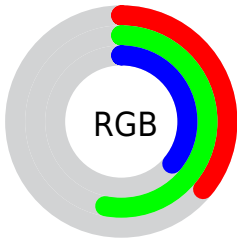
Format	Color
R_{YB}	92, 134, 133
Decimal	6129244
CIE _{Lab}	52.01, -23.10, 18.20
CIE _{LCh}	52, 29.414, 141.764
Yxy	20.1501, 0.3097, 0.4168
Android (android.graphics.Color)	4284319324 (0xFF5D865C)
YUV	116.9530, -12.3018, -21.0068
Hunter-Lab	44.8889, -19.0231, 13.9537

Details

The XYZ color **14.9711, 20.1501, 13.2255** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8040, 14.3627, 24.3893**, and the grayscale version is **16.9338, 17.8156, 19.4012**.

A 20% lighter version of the original color is **34.4053, 43.5436, 32.5780**, and **4.7457, 7.0958, 3.7043** is the 20% darker color. If you saturate the color by 10%, you get **13.2238, 19.3117, 10.3518**, and if you desaturate by 10%, it is **17.0496, 21.1484, 16.6565**.

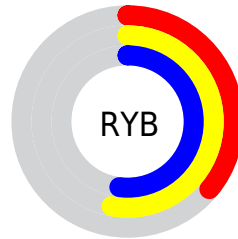
Distribution



Red (36%)

Green (53%)

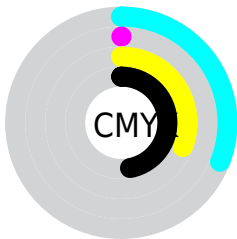
Blue (36%)



Red (36%)

Yellow (53%)

Blue (52%)

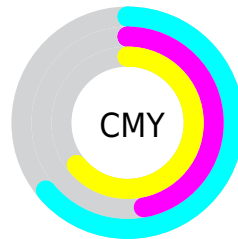


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9711, 20.1501, 13.2255 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 14.9711, 20.1501, 13.2255 by changing the saturation by 10% instead.

■ 14.9711, 20.1501,
13.2255

■ 14.9711, 20.1501,
13.2255

216.5831,
252.7265, 223.6162

■ 8.8853, 12.5042,
7.4515

■ 34.3745, 43.6687,
32.4054

■ 4.7229, 7.0880,
3.6633

■ 48.4229, 60.3102,
46.6484

■ 2.1187, 3.5172,
1.4425

■ 65.8561, 80.7190,
64.5514

■ 0.6994, 1.4074,
0.1745

■ 87.0396, 105.2795,
86.5330

■ 0.0000, 0.2221,
0.0000

112.3387,
134.3761, 113.0117

■ 0.0000, 0.0000,
0.0000

142.1187,

168.3932, 144.4062

176.7451,
207.7152, 181.1348

■ 14.9711, 20.1501,
13.2255

■ 14.9711, 20.1501,
13.2255

■ 13.2238, 19.3117,
10.3518

■ 17.0496, 21.1484,
16.6565

■ 11.7891, 18.6226,
8.0047

■ 19.4736, 22.3117,
20.6707

■ 10.6491, 18.0747,
6.1528

■ 22.2583, 23.6478,
25.2938

■ 9.7834, 17.6583,
4.7605

■ 25.4176, 25.1634,
30.5497

■ 9.1688, 17.3624,
3.7877

■ 28.9647, 26.8649,
36.4610

■ 8.7786, 17.1741,
3.1874

■ 32.9121, 28.7581,
43.0492

■ 8.5654, 17.0716,
2.8437

■ 37.2717, 30.8488,
50.3348

■ 42.0551, 33.1425,
58.3375

■ 47.2732, 35.6446,
67.0761

Harmonies

Analogous

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



17.0929, 20.1501, 9.9006



14.9711, 20.1501, 13.2255



13.9941, 20.1501, 19.6588

Triad

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



14.9711, 20.1501, 13.2255



18.3380, 20.1501, 42.6741



25.0209, 20.1501, 16.3696

Complementary

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



14.9711, 20.1501, 13.2255



17.8040, 14.3627, 24.3893

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.



25.4434, 20.1501, 24.3913



14.9711, 20.1501, 13.2255



21.3703, 20.1501, 41.1246

Square

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



14.9711, 20.1501, 13.2255



15.8009, 20.1501, 37.6327



24.0469, 20.1501, 33.8277



22.9464, 20.1501, 11.3584

Rectangle

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



14.9711, 20.1501, 13.2255



14.0441, 20.1501, 25.4816



24.0469, 20.1501, 33.8277



25.3689, 20.1501, 18.7428

Sweetspot

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



14.9716, 20.1510, 13.2259



35.3073, 39.7882, 38.0739



20.0971, 22.5078, 13.4107



7.8214, 8.9001, 8.3570



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.



14.9716, 20.1510, 13.2259



24.0171, 34.3691, 19.4185



15.8418, 20.4874, 18.3328



4.6258, 5.2096, 4.9911



8.0280, 15.9985, 2.6649



0.0284, 0.0557, 0.0093

Inverse Universe

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



17.8040, 14.3627, 24.3893



29.8688, 22.4059, 42.4889



16.7195, 13.9472, 17.8507



4.8472, 4.7573, 5.8635



12.7783, 6.1216, 21.6448



0.0451, 0.0217, 0.0750

Previews

White Background



This preview shows how the XYZ color 14.9711, 20.1501, 13.2255 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 14.9711, 20.1501, 13.2255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

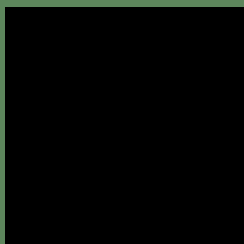
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9711, 20.1501, 13.2255

Background



This preview shows how black text looks on a background with the XYZ color 14.9711, 20.1501, 13.2255.



This preview shows how white text looks on a background with the XYZ color 14.9711, 20.1501,

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

14.9711, 20.1501, 13.2255

Protanopia

18.4761, 19.8406, 11.8726

Deuteranopia

20.3394, 20.0396, 13.6225



Tritanopia

17.6734, 20.0400, 26.9814

Trichromacy



Original Color

14.9711, 20.1501, 13.2255

Protanomaly

16.8638, 19.7516, 12.3748

Deuteranomaly

17.8322, 19.6591, 13.4444

Tritanomaly

16.4708, 19.9424, 21.0703

Monochromacy



Original Color

14.9711, 20.1501, 13.2255

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9741, 18.4368, 16.9041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9711, 20.1501, 13.2255 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(93, 134, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 134, 92)  
}
```

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(93, 134, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 134, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.9711, 20.1501, 13.2255 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(93, 134, 92) }
```


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

```
.border{ border-color:rgb(93, 134, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 134, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 134, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 134, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 134,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9711, 20.1501, 13.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 134, 92) }
```

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

```
.background{ background-color: rgb(93, 134,  
92) }
```

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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