

Converting Colors

XYZ(22.9593, 28.6467, 14.2193)

Have a look what the booklet for
XYZ(22.9593, 28.6467, 14.2193)
contains.

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Color

**XYZ(22.9524, 28.5243,
14.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	85995B
RGB	133, 153, 91
RGB Percent	52%, 60%, 36%
CMY	0.4784, 0.4000, 0.6431
CMYK	0.13, 0.00, 0.41, 0.40
HSL	79°, 25%, 48%
HSV	79°, 41%, 60%
XYZ	22.9524, 28.5243, 14.1936
YIQ	139.9520, 7.9820, -23.5220

Conversions

Conversions Part 2

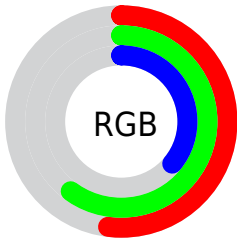
Format	Color
R_{YB}	91, 153, 111
Decimal	8755547
CIE _{Lab}	60.36, -17.77, 30.25
CIE _{LCh}	60, 35.081, 120.439
Yxy	28.5243, 0.3495, 0.4344
Android (android.graphics.Color)	4286945627 (0xFF85995B)
YUV	139.9520, -24.1333, -6.0969
Hunter-Lab	53.4081, -16.7530, 21.6290

Details

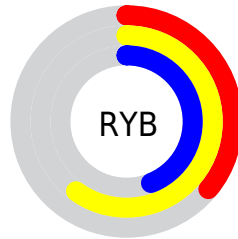
The XYZ color **22.9524, 28.5243, 14.1936** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0476, 13.1624, 31.8334**, and the grayscale version is **24.9978, 26.2996, 28.6403**.

A 20% lighter version of the original color is **47.6888, 57.1434, 34.1075**, and **8.6671, 11.4710, 4.0428** is the 20% darker color. If you saturate the color by 10%, you get **21.5976, 27.8954, 11.0293**, and if you desaturate by 10%, it is **24.4798, 29.2284, 18.0697**.

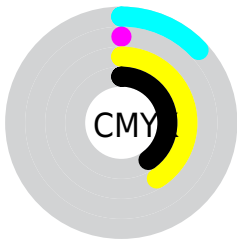
Distribution



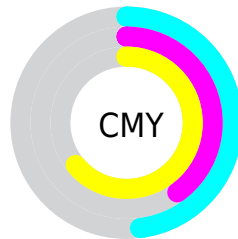
- Red (52%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9524, 28.5243, 14.1936 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 22.9524, 28.5243, 14.1936 by changing the saturation by 10% instead.

■ 22.9524, 28.5243,
14.1936

■ 22.9524, 28.5243,
14.1936

260.0203,
294.9638, 229.9021

■ 14.6789, 18.7213,
8.1152

■ 47.7824, 57.3204,
34.1542

■ 8.6792, 11.4690,
4.0799

■ 65.0696, 77.0823,
48.8734

■ 4.5879, 6.3832,
1.6693

■ 86.0920, 100.9326,
67.3100

■ 2.0398, 3.0795,
0.3396

■ 111.2150,
129.2557, 89.8825

■ 0.6562, 1.1734,
0.0000

140.8040,
162.4359, 117.0094

■ 0.0000, 0.0398,
0.0000

175.2243,

■ 0.0000, 0.0000,

200.8578, 149.1093

0.0000

214.8413,
244.9056, 186.6007

■ 22.9524, 28.5243,
14.1936

■ 22.9524, 28.5243,
14.1936

■ 21.5976, 27.8954,
11.0293

■ 24.4798, 29.2284,
18.0697

■ 20.4047, 27.3345,
8.5314

■ 26.1858, 30.0073,
22.6954

■ 19.3646, 26.8388,
6.6526


■ 28.0785, 30.8651,
28.1081


■ 18.4665, 26.4040,
5.3382

■ 30.1649, 31.8049,
34.3423

■ 17.6976, 26.0249,
4.5240


■ 32.4516, 32.8292,
41.4302

 17.0590, 25.7052,
4.0625

 34.9449, 33.9407,
49.4024

 37.6507, 35.1417,
58.2879

 40.5747, 36.4346,
68.1146

 43.7225, 37.8217,
78.9091

Harmonies

Analogous

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



27.0451, 28.5243, 12.2589



22.9524, 28.5243, 14.1936



20.2483, 28.5243, 20.3491

Triad

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



22.9524, 28.5243, 14.1936



23.0556, 28.5243, 58.0463



36.7371, 28.5243, 30.8681

Complementary

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



22.9524, 28.5243, 14.1936



16.0476, 13.1624, 31.8334

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.



35.3729, 28.5243, 44.9875



22.9524, 28.5243, 14.1936



27.1780, 28.5243, 63.0879

Square

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



22.9524, 28.5243, 14.1936



20.3031, 28.5243, 45.4109



31.7449, 28.5243, 57.7579



35.2936, 28.5243, 20.1014

Rectangle

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



22.9524, 28.5243, 14.1936



19.4298, 28.5243, 27.1142



31.7449, 28.5243, 57.7579



36.5902, 28.5243, 35.3670

Sweetspot

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



22.9531, 28.5256, 14.1942



49.6775, 54.9995, 48.5716



20.6708, 18.8176, 12.4407



10.8803, 12.1041, 10.4674



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.9531, 28.5256, 14.1942



38.8038, 50.0143, 20.0335



18.8016, 26.3854, 13.9999



6.5150, 7.1230, 6.6373



14.1341, 21.2623, 3.3591



0.2489, 0.3372, 0.0520

Inverse Universe

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



16.0476, 13.1624, 31.8334



24.6480, 18.4887, 56.2416



20.5844, 15.5012, 32.0457



6.0628, 6.1183, 7.7904



5.8453, 2.4644, 25.0753



0.1225, 0.0550, 0.3765

Previews

White Background



This preview shows how the XYZ color 22.9524, 28.5243, 14.1936 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 22.9524, 28.5243, 14.1936 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 22.9524, 28.5243, 14.1936

Background



This preview shows how black text looks on a background with the XYZ color 22.9524, 28.5243, 14.1936.



This preview shows how white text looks on a background with the XYZ color 22.9524, 28.5243,

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

22.9524, 28.5243, 14.1936

Protanopia

26.1849, 28.3263, 13.3199

Deuteranopia

28.9322, 28.3873, 14.5441



Tritanopia

27.3665, 28.4359, 35.9446

Trichromacy



Original Color

22.9524, 28.5243, 14.1936

Protanomaly

24.9708, 28.3851, 13.6140

Deuteranomaly

26.4462, 28.2104, 14.4072

Tritanomaly

25.4710, 28.3622, 26.3223

Monochromacy



Original Color

22.9524, 28.5243, 14.1936

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9548, 26.9743, 22.3564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9524, 28.5243, 14.1936 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(133, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 91)  
}
```

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(133, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 91) }
```

Border

The CSS property to change the border of an element to XYZ 22.9524, 28.5243, 14.1936 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(133, 153, 91) }
```


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

```
.border{ border-color:rgb(133, 153, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9524, 28.5243, 14.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 91) }
```

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

```
.background{ background-color: rgb(133,  
153, 91) }
```

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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