

Converting Colors

XYZ(14.3342, 20.3386, 8.6391)

Have a look what the booklet for
XYZ(14.3342, 20.3386, 8.6391)
contains.

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Color

**XYZ(14.3617, 20.3528,
8.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8844
RGB	93, 136, 68
RGB Percent	36%, 53%, 27%
CMY	0.6353, 0.4667, 0.7333
CMYK	0.32, 0.00, 0.50, 0.47
HSL	98°, 33%, 40%
HSV	98°, 50%, 53%
XYZ	14.3617, 20.3528, 8.6404
YIQ	115.3910, -3.8000, -30.2640

Conversions

Conversions Part 2

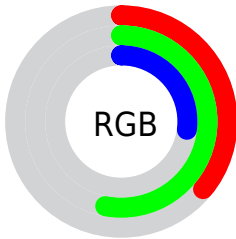
Format	Color
RYB	68, 136, 111
Decimal	6129732
CIELab	52.23, -27.80, 31.70
CIElCh	52, 42.161, 131.248
Yxy	20.3528, 0.3313, 0.4694
Android (android.graphics.Color)	4284319812 (0xFF5D8844)
YUV	115.3910, -23.3638, -19.6369
Hunter-Lab	45.1141, -22.1256, 20.2244

Details

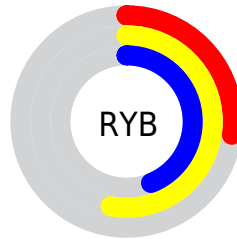
The XYZ color **14.3617, 20.3528, 8.6404** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.0676, 9.2920, 24.3985**, and the grayscale version is **16.4846, 17.3431, 18.8866**.

A 20% lighter version of the original color is **33.3605, 44.1547, 23.9040**, and **4.4594, 7.2233, 1.8687** is the 20% darker color. If you saturate the color by 10%, you get **13.1719, 19.7826, 6.6639**, and if you desaturate by 10%, it is **15.7468, 21.0138, 11.1296**.

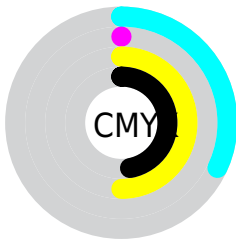
Distribution



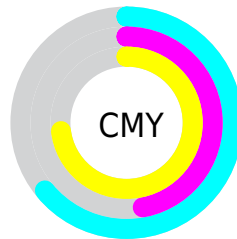
- Red (36%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3617, 20.3528, 8.6404 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 14.3617, 20.3528, 8.6404 by changing the saturation by 10% instead.

■ 14.3617, 20.3528,
8.6404

■ 14.3617, 20.3528,
8.6404

212.9354,
253.8187, 190.7904

■ 8.4560, 12.6518,
4.4138

■ 33.3104, 44.0079,
23.7712

■ 4.4424, 7.1892,
1.8550

■ 47.0841, 60.7307,
35.5125

■ 1.9553, 3.5807,
0.4639

■ 64.2112, 81.2296,
50.5957

■ 0.6087, 1.4419,
0.0000

■ 85.0571, 105.8890,
69.4395

■ 0.0000, 0.2473,
0.0000

■ 109.9871,
135.0931, 92.4623

■ 0.0000, 0.0000,
0.0000

139.3666,

169.2266, 120.0827

173.5609,
208.6736, 152.7192

■ 14.3617, 20.3528,
8.6404

■ 14.3617, 20.3528,
8.6404

■ 13.1719, 19.7826,
6.6639

■ 15.7468, 21.0138,
11.1296

■ 12.1658, 19.2961,
5.1630

■ 17.3348, 21.7670,
14.1626

■ 11.3331, 18.8895,
4.0979


■ 19.1349, 22.6170,
17.7694


■ 10.6610, 18.5573,
3.4214


■ 21.1550, 23.5673,
21.9776


■ 10.1198, 18.2872,
2.9964


■ 23.4026, 24.6213,
26.8128

 10.1198, 18.2872,
2.9964

 25.8851, 25.7823,
32.2993

 28.6093, 27.0531,
38.4602

 31.5817, 28.4367,
45.3171

 34.8087, 29.9360,
52.8910

Harmonies

Analogous

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



17.7669, 20.3528, 6.0440



14.3617, 20.3528, 8.6404



12.4880, 20.3528, 15.3501

Triad

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



14.3617, 20.3528, 8.6404



16.7917, 20.3528, 53.2443



28.7052, 20.3528, 17.8305

Complementary

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



14.3617, 20.3528, 8.6404



13.0676, 9.2920, 24.3985

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.



28.3402, 20.3528, 30.7362



14.3617, 20.3528, 8.6404



21.0133, 20.3528, 54.7051

Square

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



14.3617, 20.3528, 8.6404



13.7397, 20.3528, 41.8739



25.3646, 20.3528, 45.3347



26.2980, 20.3528, 9.8713

Rectangle

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



14.3617, 20.3528, 8.6404



12.1625, 20.3528, 22.6839



25.3646, 20.3528, 45.3347



28.9110, 20.3528, 21.6457

Sweetspot

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



14.3622, 20.3537, 8.6408



35.3346, 40.6163, 34.6451



16.7663, 16.7899, 7.8263



8.0340, 9.3361, 7.7141



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.



14.3622, 20.3537, 8.6408



22.9629, 34.7412, 11.3529



12.4909, 19.3591, 9.9041



5.1342, 5.6919, 5.3804



9.5872, 17.3124, 2.8363



0.0788, 0.1228, 0.0196

Inverse Universe

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



13.0676, 9.2920, 24.3985



20.3853, 12.8910, 42.4621



16.1219, 10.9293, 21.7059



5.0586, 5.0386, 6.3118



7.8493, 3.5606, 22.3192



0.0683, 0.0320, 0.1490

Previews

White Background



This preview shows how the XYZ color 14.3617, 20.3528, 8.6404 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 14.3617, 20.3528, 8.6404 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 14.3617, 20.3528, 8.6404

Background



This preview shows how black text looks on a background with the XYZ color 14.3617, 20.3528, 8.6404.



This preview shows how white text looks on a background with the XYZ color 14.3617, 20.3528,

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

14.3617, 20.3528, 8.6404

Protanopia

18.4496, 20.1038, 7.7585

Deuteranopia

20.4106, 20.0041, 8.9163



Tritanopia

18.0155, 20.2164, 26.9974

Trichromacy



Original Color

14.3617, 20.3528, 8.6404

Protanomaly

16.5585, 19.8849, 7.9665

Deuteranomaly

17.6769, 19.8680, 8.8645

Tritanomaly

16.3525, 20.1342, 18.6472

Monochromacy



Original Color

14.3617, 20.3528, 8.6404

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.3510, 18.1736, 14.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3617, 20.3528, 8.6404 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, 136, 68)` looks like.

```
.text, #text, p{  
    color:rgb(93, 136, 68)  
}
```

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, 136, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 136, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.3617, 20.3528, 8.6404 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, 136, 68) }
```


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

```
.border{ border-color:rgb(93, 136, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 136, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 136, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 136, 68);  
box-shadow:4px 4px 4px 4px rgb(93, 136,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3617, 20.3528, 8.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 136, 68) }
```

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

```
.background{ background-color: rgb(93, 136,  
68) }
```

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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