

Converting Colors

XYZ(14.2922, 20.0702, 7.0208)

Have a look what the booklet for
XYZ(14.2922, 20.0702, 7.0208)
contains.

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Color

**XYZ(14.3323, 20.1647,
7.0077)**

Conversions

Conversions Part 1

Format	Color
Hex	618739
RGB	97, 135, 57
RGB Percent	38%, 53%, 22%
CMY	0.6196, 0.4706, 0.7765
CMYK	0.28, 0.00, 0.58, 0.47
HSL	89°, 41%, 38%
HSV	89°, 58%, 53%
XYZ	14.3323, 20.1647, 7.0077
YIQ	114.7460, 2.3900, -32.3140

Conversions

Conversions Part 2

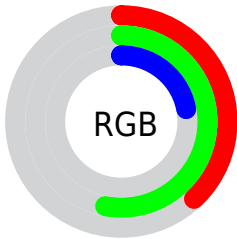
Format	Color
RYB	57, 135, 95
Decimal	6391609
CIELab	52.02, -27.07, 37.13
CIELCh	52, 45.952, 126.094
Yxy	20.1647, 0.3453, 0.4858
Android (android.graphics.Color)	4284581689 (0xFF618739)
YUV	114.7460, -28.4688, -15.5632
Hunter-Lab	44.9051, -21.6124, 22.1810

Details

The XYZ color **14.3323, 20.1647, 7.0077** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.5564, 7.1090, 23.7385**, and the grayscale version is **16.3022, 17.1512, 18.6776**.

A 20% lighter version of the original color is **33.2147, 43.5120, 20.5580**, and **4.4537, 7.1145, 1.3108** is the 20% darker color. If you saturate the color by 10%, you get **13.3674, 19.7018, 5.4324**, and if you desaturate by 10%, it is **15.4459, 20.6952, 9.0584**.

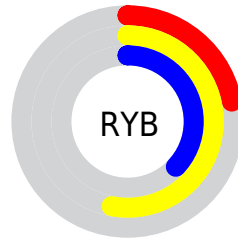
Distribution



Red (38%)

Green (53%)

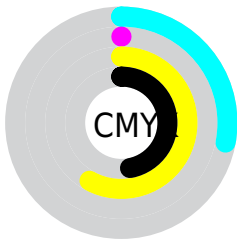
Blue (22%)



Red (22%)

Yellow (53%)

Blue (37%)

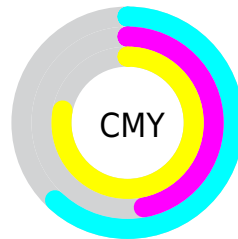


Cyan (28%)

Magenta (0%)

Yellow (58%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3323, 20.1647, 7.0077 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 14.3323, 20.1647, 7.0077 by changing the saturation by 10% instead.

■ 14.3323, 20.1647,
7.0077

■ 14.3323, 20.1647,
7.0077

212.7579,
252.8053, 177.3610

■ 8.4354, 12.5148,
3.3884

■ 33.2589, 43.6931,
20.5018

■ 4.4289, 7.0953,
1.2962

■ 47.0192, 60.3405,
31.2137

■ 1.9475, 3.5218,
0.0587

■ 64.1314, 80.7558,
45.1269

■ 0.6042, 1.4098,
0.0000

■ 84.9609, 105.3234,
62.6599

■ 0.0000, 0.2239,
0.0000

■ 109.8729,
134.4278, 84.2313

■ 0.0000, 0.0000,
0.0000

■ 139.2328,

168.4533, 110.2596

173.4060,
207.7844, 141.1633

■ 14.3323, 20.1647,
7.0077

■ 14.3323, 20.1647,
7.0077

■ 13.3674, 19.7018,
5.4324

■ 15.4459, 20.6952,
9.0584

■ 12.5411, 19.3002,
4.2927

■ 16.7145, 21.2938,
11.6173

■ 11.8440, 18.9566,
3.5448

■ 18.1459, 21.9646,
14.7159

■ 11.2567, 18.6632,
3.0953

■ 19.7466, 22.7104,
18.3827

■ 11.1349, 18.6023,
3.0037

■ 21.5231, 23.5337,
22.6443

■ 23.4811, 24.4371,
27.5255

■ 25.6264, 25.4229,
33.0498

■ 27.9641, 26.4935,
39.2394

■ 30.4995, 27.6510,
46.1154

Harmonies

Analogous

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



18.2251, 20.1647, 4.9935



14.3323, 20.1647, 7.0077



12.0517, 20.1647, 13.0705

Triad

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



14.3323, 20.1647, 7.0077



15.7413, 20.1647, 55.0099



29.5952, 20.1647, 19.3284

Complementary

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



14.3323, 20.1647, 7.0077



10.5564, 7.1090, 23.7385

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.



28.6409, 20.1647, 34.1623



14.3323, 20.1647, 7.0077



20.1387, 20.1647, 58.9138

Square

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



14.3323, 20.1647, 7.0077



12.7676, 20.1647, 40.9390



24.9799, 20.1647, 50.1088



27.4085, 20.1647, 9.9915

Rectangle

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



14.3323, 20.1647, 7.0077



11.5081, 20.1647, 20.2446



24.9799, 20.1647, 50.1088



29.6353, 20.1647, 23.7611

Sweetspot

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



14.3328, 20.1656, 7.0081



35.4809, 40.7239, 33.2003



14.7962, 13.5775, 5.7121



8.0986, 9.3762, 7.4117



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.



14.3328, 20.1656, 7.0081



23.5036, 35.0707, 9.0880



11.1655, 18.5328, 6.8599



4.8271, 5.3134, 5.0005



10.2828, 17.1609, 2.7704



0.0440, 0.0638, 0.0100

Inverse Universe

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



10.5564, 7.1090, 23.7385



16.0758, 9.3788, 42.0114



15.6208, 9.7198, 23.9755



4.6344, 4.6476, 5.8536



6.1056, 2.6817, 21.3325



0.0295, 0.0136, 0.0743

Previews

White Background



This preview shows how the XYZ color 14.3323, 20.1647, 7.0077 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 14.3323, 20.1647, 7.0077 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 14.3323, 20.1647, 7.0077

Background



This preview shows how black text looks on a background with the XYZ color 14.3323, 20.1647, 7.0077.



This preview shows how white text looks on a background with the XYZ color 14.3323, 20.1647,

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

14.3323, 20.1647, 7.0077

Protanopia

18.1900, 20.0000, 6.3917

Deuteranopia

20.2968, 19.9801, 7.3442



Tritanopia

18.2891, 20.1730, 26.5968

Trichromacy



Original Color

14.3323, 20.1647, 7.0077

Protanomaly

16.4348, 19.8518, 6.5800

Deuteranomaly

17.5390, 19.6471, 7.1428

Tritanomaly

16.3983, 19.9910, 17.1817

Monochromacy



Original Color

14.3323, 20.1647, 7.0077

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.1643, 17.9154, 13.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3323, 20.1647, 7.0077 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(97, 135, 57)` looks like.

```
.text, #text, p{  
    color:rgb(97, 135, 57)  
}
```

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(97, 135, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 135, 57) }
```

Border

The CSS property to change the border of an element to XYZ 14.3323, 20.1647, 7.0077 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(97, 135, 57) }
```


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

```
.border{ border-color:rgb(97, 135, 57) }
```

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

Here you see how a box with a 4 pixel rgb(97, 135, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 135, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 135, 57);  
box-shadow:4px 4px 4px 4px rgb(97, 135,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3323, 20.1647, 7.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 135, 57) }
```

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

```
.background{ background-color: rgb(97, 135,  
57) }
```

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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