

Converting Colors

XYZ(13.9993, 20.6631, 5.3483)

Have a look what the booklet for
XYZ(13.9993, 20.6631, 5.3483)
contains.

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Color

**XYZ(14.0029, 20.6642,
5.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8A29
RGB	93, 138, 41
RGB Percent	36%, 54%, 16%
CMY	0.6353, 0.4588, 0.8392
CMYK	0.33, 0.00, 0.70, 0.46
HSL	88°, 54%, 35%
HSV	88°, 70%, 54%
XYZ	14.0029, 20.6642, 5.3484
YIQ	113.4870, 4.3170, -39.7070

Conversions

Conversions Part 2

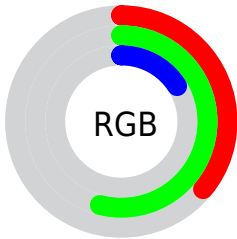
Format	Color
R_{YB}	41, 138, 86
Decimal	6130217
CIE _{Lab}	52.58, -31.53, 45.00
CIE _{LCh}	53, 54.941, 125.018
Y _{xy}	20.6642, 0.3499, 0.5164
Android (android.graphics.Color)	4284320297 (0xFF5D8A29)
YUV	113.4870, -35.7361, -17.9671
Hunter-Lab	45.4579, -24.5660, 24.8447

Details

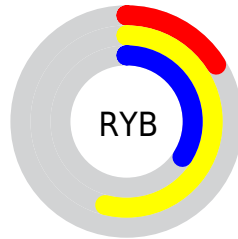
The XYZ color **14.0029, 20.6642, 5.3484** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.2191, 5.3999, 24.6023**, and the grayscale version is **15.9437, 16.7740, 18.2669**.

A 20% lighter version of the original color is **32.8140, 44.6750, 17.0189**, and **4.4042, 7.4509, 1.2060** is the 20% darker color. If you saturate the color by 10%, you get **13.1821, 20.2648, 4.2660**, and if you desaturate by 10%, it is **14.9635, 21.1272, 6.8791**.

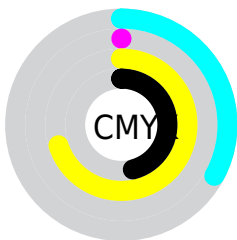
Distribution



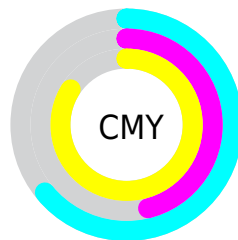
- Red (36%)
- Green (54%)
- Blue (16%)



- Red (16%)
- Yellow (54%)
- Blue (34%)



- Cyan (33%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0029, 20.6642, 5.3484 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 14.0029, 20.6642, 5.3484 by changing the saturation by 10% instead.

■ 14.0029, 20.6642,
5.3484

■ 14.0029, 20.6642,
5.3484

210.7591,
255.4885, 162.2049

■ 8.2044, 12.8788,
2.3908

■ 32.6804, 44.5280,
17.0164

■ 4.2789, 7.3451,
0.7814

■ 46.2901, 61.3751,
26.5638

■ 1.8611, 3.6789,
0.0000

■ 63.2342, 82.0117,
39.1449

■ 0.5541, 1.4956,
0.0000

■ 83.8782, 106.8219,
55.1783

■ 0.0000, 0.2856,
0.0000

■ 108.5873,
136.1904, 75.0824

■ 0.0000, 0.0000,
0.0000

■ 137.7269,

170.5013, 99.2759

171.6624,
210.1392, 128.1772

■ 14.0029, 20.6642,
5.3484

■ 14.0029, 20.6642,
5.3484

■ 13.1821, 20.2648,
4.2660

■ 14.9635, 21.1272,
6.8791

■ 12.4889, 19.9219,
3.5816

■ 16.0716, 21.6549,
8.8987

■ 11.9111, 19.6327,
3.1617

■ 17.3359, 22.2516,
11.4449

■ 18.7641, 22.9206,
14.5510

■ 20.3631, 23.6647,
18.2478

■ 22.1393, 24.4867,
22.5638

■ 24.0991, 25.3892,
27.5258

■ 26.2482, 26.3747,
33.1587

■ 28.5921, 27.4454,
39.4863

Harmonies

Analogous

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



18.6983, 20.6642, 3.4867



14.0029, 20.6642, 5.3484



11.2925, 20.6642, 11.6831

Triad

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



14.0029, 20.6642, 5.3484



15.3691, 20.6642, 64.5840



32.6945, 20.6642, 19.8665

Complementary

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



14.0029, 20.6642, 5.3484



9.2191, 5.3999, 24.6023

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.



31.3337, 20.6642, 38.5153



14.0029, 20.6642, 5.3484



20.6142, 20.6642, 70.4363

Square

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



14.0029, 20.6642, 5.3484



11.9678, 20.6642, 45.7225



26.6190, 20.6642, 59.2002



30.0440, 20.6642, 8.8745

Rectangle

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



14.0029, 20.6642, 5.3484



10.6262, 20.6642, 19.8844



26.6190, 20.6642, 59.2002



32.6954, 20.6642, 25.3350

Sweetspot

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



14.0034, 20.6651, 5.3488



35.5487, 41.5520, 31.3519



14.1033, 12.0062, 3.6722



7.8204, 9.2488, 6.6734



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.



14.0034, 20.6651, 5.3488



22.5351, 35.3737, 6.7742



10.6093, 18.9154, 5.1900



5.2111, 5.7316, 5.3840



10.9372, 18.0083, 2.8995



0.0896, 0.1284, 0.0201

Inverse Universe

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



9.2191, 5.3999, 24.6023



13.5654, 6.6954, 42.9605



15.0778, 8.4202, 24.8765



4.9808, 4.9985, 6.3081



6.1627, 2.6911, 22.2403



0.0576, 0.0264, 0.1485

Previews

White Background



This preview shows how the XYZ color 14.0029, 20.6642, 5.3484 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 14.0029, 20.6642, 5.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

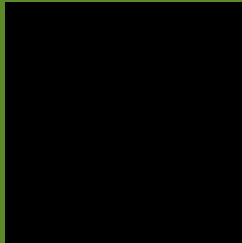
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0029, 20.6642, 5.3484

Background



This preview shows how black text looks on a background with the XYZ color 14.0029, 20.6642, 5.3484.



This preview shows how white text looks on a background with the XYZ color 14.0029, 20.6642,

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

14.0029, 20.6642, 5.3484

Protanopia

18.4987, 20.3826, 4.7930

Deuteranopia

20.8406, 20.4750, 5.6500



Tritanopia

18.4543, 20.6288, 27.4352

Trichromacy



Original Color

14.0029, 20.6642, 5.3484

Protanomaly

16.5172, 20.3227, 4.9716

Deuteranomaly

17.6074, 20.0977, 5.4339

Tritanomaly

16.0663, 20.2485, 15.8935

Monochromacy



Original Color

14.0029, 20.6642, 5.3484

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6237, 17.6714, 11.6570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0029, 20.6642, 5.3484 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, 138, 41)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 41)  
}
```

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, 138, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.0029, 20.6642, 5.3484 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, 138, 41) }
```


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

```
.border{ border-color:rgb(93, 138, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 138, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 41);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0029, 20.6642, 5.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 41) }
```

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

```
.background{ background-color: rgb(93, 138,  
41) }
```

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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