

Converting Colors

XYZ(9.0603, 14.0038, 7.2265)

Have a look what the booklet for
XYZ(9.0603, 14.0038, 7.2265)
contains.

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Color

**XYZ(9.0603, 14.0038,
7.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	3A7541
RGB	58, 117, 65
RGB Percent	23%, 46%, 25%
CMY	0.7726, 0.5412, 0.7451
CMYK	0.50, 0.00, 0.44, 0.54
HSL	127°, 34%, 34%
HSV	127°, 50%, 46%
XYZ	9.0603, 14.0038, 7.2265
YIQ	93.4310, -18.4720, -28.6800

Conversions

Conversions Part 2

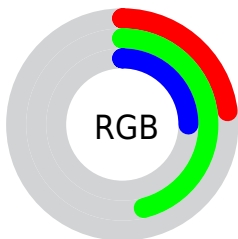
Format	Color
RYB	58, 111, 117
Decimal	3831105
CIELab	44.24, -31.24, 22.88
CIELCh	44, 38.728, 143.780
Yxy	14.0038, 0.2991, 0.4623
Android (android.graphics.Color)	4282021185 (0xFF3A7541)
YUV	93.4310, -14.0165, -31.0730
Hunter-Lab	37.4217, -22.2706, 14.7457

Details

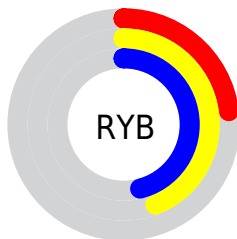
The XYZ color **9.0603, 14.0038, 7.2265** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.6640, 7.9339, 15.6686**, and the grayscale version is **10.5405, 11.0894, 12.0764**.

A 20% lighter version of the original color is **23.7187, 33.2156, 21.0807**, and **2.1934, 4.1848, 1.3540** is the 20% darker color. If you saturate the color by 10%, you get **8.1840, 13.5839, 5.7662**, and if you desaturate by 10%, it is **10.1465, 14.5264, 8.9821**.

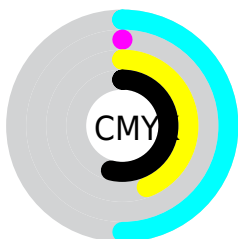
Distribution



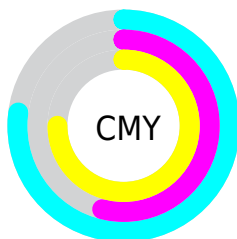
- Red (23%)
- Green (46%)
- Blue (25%)



- Red (23%)
- Yellow (44%)
- Blue (46%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)





- Cyan (77%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.0603, 14.0038, 7.2265 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 9.0603, 14.0038, 7.2265 by changing the saturation by 10% instead.


 9.0603, 14.0038,
7.2265


 9.0603, 14.0038,
7.2265


178.0246,
217.2545, 179.2344


 4.8380, 8.1233,
3.5236


 23.6784, 33.0958,
20.9480


 2.1863, 4.1740,
1.3678

 34.8048, 47.0760,
31.8037


 0.7355, 1.7713,
0.1164

 48.9633, 64.5250,
45.8807

 0.0000, 0.4692,
0.0000

 66.5193, 85.8271,
63.5975

 0.0000, 0.0000,
0.0000

 87.8381, 111.3667,
85.3728

 113.2850,

141.5282, 111.6250

143.2254,
176.6960, 142.7727

■ 9.0603, 14.0038,
7.2265

■ 9.0603, 14.0038,
7.2265

■ 8.1840, 13.5839,
5.7662

■ 10.1465, 14.5264,
8.9821

■ 7.5030, 13.2582,
4.5839

■ 11.4539, 15.1561,
11.0468

■ 7.0023, 13.0200,
3.6624

■ 12.9943, 15.8989,
13.4350

■ 6.6646, 12.8606,
2.9819

■ 14.7783, 16.7602,
16.1596

■ 6.4401, 12.7546,
2.5338

■ 16.8159, 17.7446,
19.2331

■ 19.1163, 18.8569,
22.6671

■ 21.6887, 20.1015,
26.4729

■ 24.5414, 21.4824,
30.6610

■ 27.6827, 23.0036,
35.2419

Harmonies

Analogous

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



11.0502, 14.0038, 4.3592



9.0603, 14.0038, 7.2265



8.2239, 14.0038, 13.4732

Triad

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



9.0603, 14.0038, 7.2265



12.6752, 14.0038, 39.2668



19.5382, 14.0038, 9.3523

Complementary

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



9.0603, 14.0038, 7.2265



11.6640, 7.9339, 15.6686

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.



20.1523, 14.0038, 17.1716



9.0603, 14.0038, 7.2265



15.8590, 14.0038, 36.7888

Square

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



9.0603, 14.0038, 7.2265



10.0920, 14.0038, 33.5633



18.7164, 14.0038, 27.7105



17.1487, 14.0038, 5.2115

Rectangle

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



9.0603, 14.0038, 7.2265



8.3232, 14.0038, 19.6821



18.7164, 14.0038, 27.7105



19.9730, 14.0038, 11.5351

Sweetspot

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



9.0607, 14.0044, 7.2268



24.8228, 29.2194, 26.4400



13.5705, 16.3513, 6.4438



5.5875, 6.6603, 5.8961



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.0607, 14.0044, 7.2268



14.3640, 24.1846, 9.8296



10.1442, 14.4378, 12.9325



3.6567, 4.1046, 4.0260



7.0916, 14.0507, 2.7727



34.3845, 68.4011, 12.5959

Inverse Universe

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



11.6640, 7.9339, 15.6686



19.6123, 11.9203, 26.8285



10.3204, 7.3965, 8.5933



3.8088, 3.7508, 4.5201



10.7829, 5.2469, 14.5967



52.3390, 25.4857, 70.0399

Previews

White Background



This preview shows how the XYZ color 9.0603, 14.0038, 7.2265 looks on a white background.

Color Contrast Check

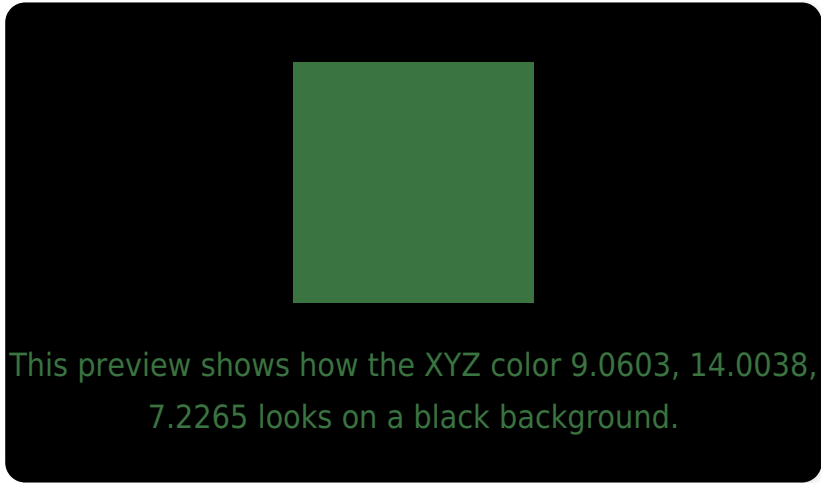
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

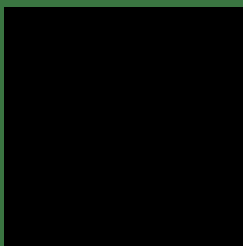
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.0603, 14.0038, 7.2265

Background



This preview shows how black text looks on a background with the XYZ color 9.0603, 14.0038, 7.2265.



This preview shows how white text looks on a background with the XYZ color 9.0603, 14.0038,

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

9.0603, 14.0038, 7.2265

Protanopia

12.7054, 13.8043, 6.2698

Deuteranopia

14.0888, 13.9040, 7.5714



Tritanopia

11.6004, 14.0270, 19.8654

Trichromacy



Original Color

9.0603, 14.0038, 7.2265

Protanomaly

10.9542, 13.6648, 6.6176

Deuteranomaly

11.5643, 13.4921, 7.4636

Tritanomaly

10.4521, 13.8886, 14.1865

Monochromacy



Original Color

9.0603, 14.0038, 7.2265

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.6210, 11.8327, 9.9605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0603, 14.0038, 7.2265 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(58, 117, 65)` looks like.

```
.text, #text, p{  
    color:rgb(58, 117, 65)  
}
```

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(58, 117, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 117, 65) }
```

Border

The CSS property to change the border of an element to XYZ 9.0603, 14.0038, 7.2265 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(58, 117, 65) }
```


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

```
.border{ border-color:rgb(58, 117, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 117, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 117, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 117, 65);  
box-shadow:4px 4px 4px 4px rgb(58, 117,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0603, 14.0038, 7.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 117, 65) }
```

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

```
.background{ background-color: rgb(58, 117,  
65) }
```

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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