

Converting Colors

XYZ(14.7922, 14.2474, 20.0623)

Have a look what the booklet for
XYZ(14.7922, 14.2474, 20.0623)
contains.

XYZ(14.7581, 14.2627, 20.0643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7581, 14.2627,
20.0643)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6679
RGB	111, 102, 121
RGB Percent	44%, 40%, 47%
CMY	0.5647, 0.6000, 0.5255
CMYK	0.08, 0.16, 0.00, 0.53
HSL	268°, 9%, 44%
HSV	268°, 16%, 47%
XYZ	14.7581, 14.2627, 20.0643
YIQ	106.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

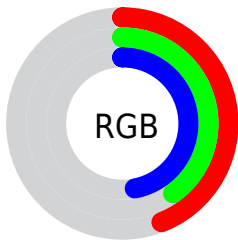
Format	Color
R_{YB}	111, 102, 121
Decimal	7300729
CIE Lab	44.61, 7.50, -9.32
CIE LCh	45, 11.961, 308.847
Yxy	14.2627, 0.3007, 0.2906
Android (android.graphics.Color)	4285490809 (0xFF6F6679)
YUV	106.8570, 6.9725, 3.6334
Hunter-Lab	37.7660, 3.6633, -5.0634

Details

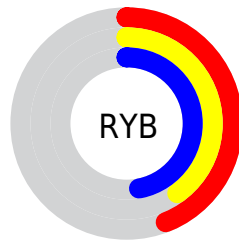
The XYZ color **14.7581, 14.2627, 20.0643** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9182, 18.0792, 15.2217**, and the grayscale version is **13.9173, 14.6421, 15.9453**.

A 20% lighter version of the original color is **34.0383, 33.5861, 44.2239**, and **4.5858, 4.2570, 6.7109** is the 20% darker color. If you saturate the color by 10%, you get **12.8818, 11.6574, 19.6605**, and if you desaturate by 10%, it is **16.8660, 17.2459, 20.5292**.

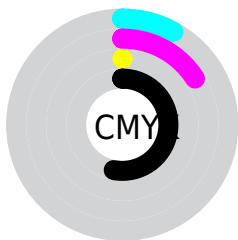
Distribution



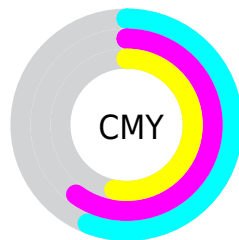
- Red (44%)
- Green (40%)
- Blue (47%)



- Red (44%)
- Yellow (40%)
- Blue (47%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (53%)



- Cyan (56%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7581, 14.2627, 20.0643 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 14.7581, 14.2627, 20.0643 by changing the saturation by 10% instead.

■ 14.7581, 14.2627,
20.0643

■ 14.7581, 14.2627,
20.0643

215.3149,
218.8590, 264.8787

■ 8.7350, 8.3036,
12.2573

■ 34.0034, 33.5544,
44.3853

■ 4.6245, 4.2898,
6.7945

■ 47.9563, 47.6558,
61.7364

■ 2.0611, 1.8370,
3.2574

■ 65.2832, 65.2402,
83.1059

■ 0.6679, 0.5101,
1.2275

■ 86.3495, 86.6918,
108.9124

■ 0.0000, 0.0000,
0.0013

111.5204,
112.3951, 139.5744

■ 0.0000, 0.0000,
0.0000

141.1614,

142.7345, 175.5104

175.6377,
178.0943, 217.1390

■ 14.7581, 14.2627,
20.0643

■ 14.7581, 14.2627,
20.0643

■ 12.8818, 11.6574,
19.6605

■ 16.8660, 17.2459,
20.5292

■ 11.2271, 9.4126,
19.3145

■ 19.2125, 20.6197,
21.0568

■ 9.7852, 7.5121,
19.0236

■ 21.8056, 24.3988,
21.6495

■ 8.5462, 5.9380,
18.7851

■ 24.6528, 28.5962,
22.3096

■ 7.4992, 4.6703,
18.5956

■ 27.7612, 33.2245,
23.0392

■ 6.6322, 3.6873,
18.4515

■ 31.1375, 38.2958,
23.8401

■ 5.9315, 2.9637,
18.3488

■ 34.7883, 43.8216,
24.7143

■ 5.3742, 2.4557,
18.2801

■ 38.7198, 49.8131,
25.6635

■ 5.1565, 2.2596,
18.2537

■ 42.9382, 56.2809,
26.6896

Harmonies

Analogous

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



13.8447, 14.2627, 21.4175



14.7581, 14.2627, 20.0643



15.3681, 14.2627, 17.5347

Triad

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



14.7581, 14.2627, 20.0643



14.2394, 14.2627, 11.0682



11.7983, 14.2627, 16.3643

Complementary

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



14.7581, 14.2627, 20.0643



15.9182, 18.0792, 15.2217

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.



11.8928, 14.2627, 13.6836



14.7581, 14.2627, 20.0643



13.2719, 14.2627, 10.8338

Square

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



14.7581, 14.2627, 20.0643



15.0588, 14.2627, 12.4191



12.4215, 14.2627, 11.7356



12.1571, 14.2627, 19.1205

Rectangle

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



14.7581, 14.2627, 20.0643



15.5045, 14.2627, 15.6372



12.4215, 14.2627, 11.7356



11.7785, 14.2627, 15.4226

Sweetspot

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



14.7585, 14.2633, 20.0646



30.4325, 31.2111, 36.8133



14.7401, 15.8235, 20.3667



6.9071, 7.0632, 8.4060



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7585, 14.2633, 20.0646



25.1123, 23.7027, 35.6444



15.9996, 14.9031, 20.1227



3.9614, 3.9780, 5.0022



5.5130, 2.4148, 19.5608



25.3289, 11.0195, 93.2618

Inverse Universe

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



15.5616, 14.7381, 17.3544



26.8716, 24.7432, 29.6939



14.7877, 17.4963, 15.1688



4.0782, 4.0470, 4.6095



9.4267, 4.7468, 5.5377



44.5331, 22.4696, 24.1352

Previews

White Background



This preview shows how the XYZ color 14.7581, 14.2627, 20.0643 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



This preview shows how the XYZ color 14.7581, 14.2627, 20.0643 looks on a 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 14.7581, 14.2627, 20.0643

Background



This preview shows how black text looks on a background with the XYZ color 14.7581, 14.2627, 20.0643.



This preview shows how white text looks on a background with the XYZ color 14.7581, 14.2627,

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

14.7581, 14.2627, 20.0643

Protanopia

14.1062, 14.3580, 20.7668

Deuteranopia

14.6081, 14.3322, 20.0856



Tritanopia

14.3054, 14.3855, 17.3519

Trichromacy



Original Color

14.7581, 14.2627, 20.0643

Protanomaly

14.2889, 14.3090, 20.4212

Deuteranomaly

14.7318, 14.3960, 20.0914

Tritanomaly

14.3752, 14.2533, 18.2132

Monochromacy



Original Color

14.7581, 14.2627, 20.0643

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1605, 14.4611, 17.3742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7581, 14.2627, 20.0643 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(111, 102, 121)` looks like.

```
.text, #text, p{  
    color:rgb(111, 102, 121)  
}
```

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(111, 102, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 102, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.7581, 14.2627, 20.0643 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(111, 102, 121) }
```


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

```
.border{ border-color:rgb(111, 102, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 102, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 102, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 102, 121);  
box-shadow:4px 4px 4px 4px rgb(111, 102,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7581, 14.2627, 20.0643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 102, 121) }
```

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

```
.background{ background-color: rgb(111,  
102, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor