

Converting Colors

XYZ(14.6927, 10.4641, 20.6598)

Have a look what the booklet for
XYZ(14.6927, 10.4641, 20.6598)
contains.

XYZ(14.7073, 10.4992, 20.6534)	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(14.7073, 10.4992,
20.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	7F477D
RGB	127, 71, 125
RGB Percent	50%, 28%, 49%
CMY	0.5020, 0.7216, 0.5098
CMYK	0.00, 0.44, 0.02, 0.50
HSL	302°, 28%, 39%
HSV	302°, 44%, 50%
XYZ	14.7073, 10.4992, 20.6534
YIQ	93.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

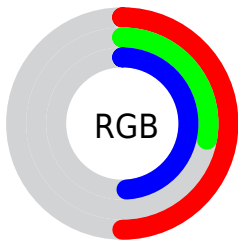
Format	Color
R_{YB}	127, 71, 125
Decimal	8341373
CIE _{Lab}	38.72, 32.55, -20.56
CIE _{LCh}	39, 38.504, 327.721
Yxy	10.4992, 0.3207, 0.2289
Android (android.graphics.Color)	4286531453 (0xFF7F477D)
YUV	93.9000, 15.3323, 29.0287
Hunter-Lab	32.4025, 24.3158, -15.1098

Details

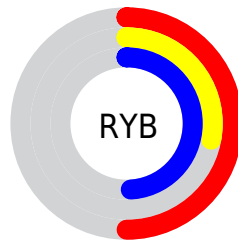
The XYZ color **14.7073, 10.4992, 20.6534** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.3910, 16.9997, 8.9849**, and the grayscale version is **10.5784, 11.1293, 12.1198**.

A 20% lighter version of the original color is **33.9293, 26.7129, 45.4873**, and **4.5914, 2.6711, 7.1111** is the 20% darker color. If you saturate the color by 10%, you get **13.9537, 9.0380, 20.2596**, and if you desaturate by 10%, it is **15.6306, 12.2991, 21.1046**.

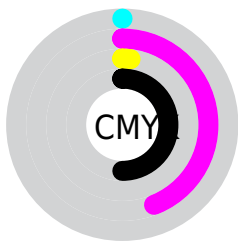
Distribution



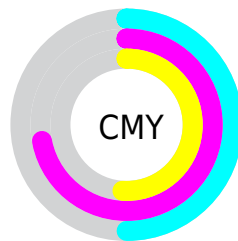
- Red (50%)
- Green (28%)
- Blue (49%)



- Red (50%)
- Yellow (28%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (72%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7073, 10.4992, 20.6534 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 14.7073, 10.4992, 20.6534 by changing the saturation by 10% instead.

■ 14.7073, 10.4992,
20.6534

■ 14.7073, 10.4992,
20.6534

215.0114,
194.1988, 268.1510

■ 8.6992, 5.7312,
12.6821

■ 33.9148, 26.7303,
45.3833

■ 4.6010, 2.6823,
7.0819

■ 47.8448, 38.9622,
62.9789

■ 2.0475, 0.9682,
3.4341

■ 65.1463, 54.4508,
84.6198

■ 0.6604, 0.0000,
1.3204

■ 86.1844, 73.5805,
110.7244

■ 0.0000, 0.0000,
0.0784

■ 111.3247, 96.7358,
141.7112

■ 0.0000, 0.0000,
0.0000

140.9323,

124.3010, 177.9990

175.3728,
156.6605, 220.0060

■ 14.7073, 10.4992,
20.6534

■ 14.7073, 10.4992,
20.6534

■ 13.9537, 9.0380,
20.2596

■ 15.6306, 12.2991,
21.1046

■ 13.3580, 7.8928,
19.9191

■ 16.7322, 14.4556,
21.6158

■ 12.9090, 7.0406,
19.6280

■ 18.0215, 16.9872,
22.1902

■ 12.5930, 6.4543,
19.3820

■ 19.5067, 19.9105,
22.8305

■ 12.3923, 6.0983,
19.1750

■ 21.1957, 23.2412,
23.5395

■ 12.2942, 5.9288,
19.0598

■ 23.0960, 26.9942,
24.3195

■ 25.2145, 31.1835,
25.1730

■ 27.5581, 35.8227,
26.1021

■ 30.1331, 40.9246,
27.1090

Harmonies

Analogous

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



12.4294, 10.4992, 28.8358



14.7073, 10.4992, 20.6534



15.7020, 10.4992, 11.9974

Triad

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



14.7073, 10.4992, 20.6534



10.1748, 10.4992, 2.3746



6.2482, 10.4992, 19.2563

Complementary

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



14.7073, 10.4992, 20.6534



11.3910, 16.9997, 8.9849

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.



5.8493, 10.4992, 10.8843



14.7073, 10.4992, 20.6534



7.8742, 10.4992, 2.9792

Square

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



14.7073, 10.4992, 20.6534



12.8231, 10.4992, 3.2121



6.3915, 10.4992, 5.4681



7.5903, 10.4992, 27.8168

Rectangle

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



14.7073, 10.4992, 20.6534



15.3955, 10.4992, 7.6790



6.3915, 10.4992, 5.4681



6.0105, 10.4992, 16.2430

Sweetspot

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



14.7076, 10.4997, 20.6536



32.4672, 30.8038, 39.8224



8.8221, 7.4506, 21.0520



7.4902, 6.9933, 9.2748



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.7076, 10.4997, 20.6536



24.9671, 16.1454, 36.2688



13.1699, 9.8846, 12.5562



4.4917, 4.4098, 5.3940



12.3988, 5.9792, 19.2216



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7076, 10.4997, 20.6536



24.9671, 16.1454, 36.2688



12.5308, 17.4557, 14.9870



4.4917, 4.4098, 5.3940



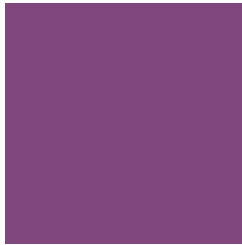
12.3988, 5.9792, 19.2216



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7073, 10.4992, 20.6534 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 14.7073, 10.4992, 20.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

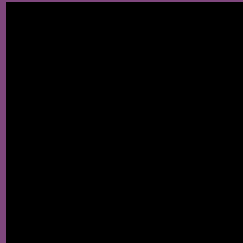
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7073, 10.4992, 20.6534

Background



This preview shows how black text looks on a background with the XYZ color 14.7073, 10.4992, 20.6534.



This preview shows how white text looks on a background with the XYZ color 14.7073, 10.4992,

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

14.7073, 10.4992, 20.6534

Protanopia

11.2138, 10.6616, 26.2778

Deuteranopia

10.8252, 10.6023, 19.8883



Tritanopia

12.5744, 10.5468, 10.1771

Trichromacy



Original Color

14.7073, 10.4992, 20.6534

Protanomaly

11.9806, 10.2629, 24.2712

Deuteranomaly

11.9239, 10.3259, 20.1035

Tritanomaly

13.2663, 10.5129, 13.3866

Monochromacy



Original Color

14.7073, 10.4992, 20.6534

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.8214, 10.7397, 14.8145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7073, 10.4992, 20.6534 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(127, 71, 125)` looks like.

```
.text, #text, p{  
    color:rgb(127, 71, 125)  
}
```

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(127, 71, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 71, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.7073, 10.4992, 20.6534 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(127, 71, 125) }
```


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

```
.border{ border-color:rgb(127, 71, 125) }
```

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

Here you see how a box with a 4 pixel rgb(127, 71, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 71, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 71, 125);  
box-shadow:4px 4px 4px 4px rgb(127, 71,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7073, 10.4992, 20.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 71, 125) }
```

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

```
.background{ background-color: rgb(127, 71,  
125) }
```

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