

Converting Colors

XYZ(14.0356, 12.6524, 23.8708)

Have a look what the booklet for
XYZ(14.0356, 12.6524, 23.8708)
contains.

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Color

**XYZ(14.0620, 12.7021,
23.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	695E85
RGB	105, 94, 133
RGB Percent	41%, 37%, 52%
CMY	0.5882, 0.6314, 0.4784
CMYK	0.21, 0.29, 0.00, 0.48
HSL	257°, 17%, 45%
HSV	257°, 29%, 52%
XYZ	14.0620, 12.7021, 23.9009
YIQ	101.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

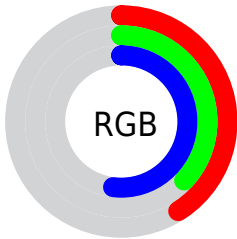
Format	Color
R_{YB}	105, 94, 133
Decimal	6905477
CIE _{Lab}	42.31, 13.11, -20.11
CIE _{LCh}	42, 24.005, 303.095
Yxy	12.7021, 0.2775, 0.2507
Android (android.graphics.Color)	4285095557 (0xFF695E85)
YUV	101.7350, 15.4136, 2.8634
Hunter-Lab	35.6400, 8.0583, -14.8131

Details

The XYZ color **14.0620, 12.7021, 23.9009** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.4344, 21.7211, 13.8112**, and the grayscale version is **12.5228, 13.1749, 14.3475**.

A 20% lighter version of the original color is **32.7408, 30.6598, 50.6467**, and **4.3056, 3.6083, 8.6532** is the 20% darker color. If you saturate the color by 10%, you get **11.9205, 9.9914, 23.4908**, and if you desaturate by 10%, it is **16.5342, 15.8864, 24.3855**.

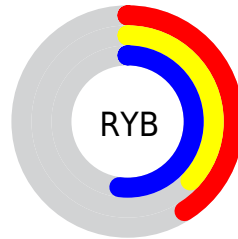
Distribution



Red (41%)

Green (37%)

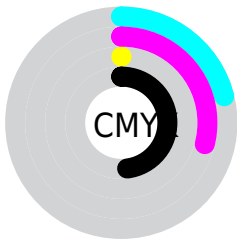
Blue (52%)



Red (41%)

Yellow (37%)

Blue (52%)

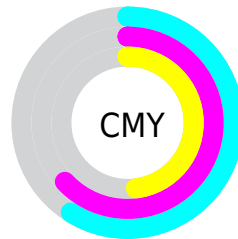


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0620, 12.7021, 23.9009 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 14.0620, 12.7021, 23.9009 by changing the saturation by 10% instead.

■ 14.0620, 12.7021,
23.9009

■ 14.0620, 12.7021,
23.9009

211.1191,
208.9995, 285.5895

■ 8.2458, 7.2237,
15.0486

■ 32.7843, 30.7675,
50.8102

■ 4.3057, 3.6024,
8.7065

■ 46.4212, 44.1234,
69.7044

■ 1.8765, 1.4537,
4.4561

■ 63.3956, 60.8739,
92.7828

■ 0.5631, 0.2558,
1.8787

■ 84.0730, 81.4034,
120.4642

■ 0.0000, 0.0000,
0.4791

108.8187,
106.0963, 153.1670

■ 0.0000, 0.0000,
0.0000

137.9980,

135.3371, 191.3098

171.9764,
169.5100, 235.3111

■ 14.0620, 12.7021,
23.9009

■ 14.0620, 12.7021,
23.9009

■ 11.9205, 9.9914,
23.4908

■ 16.5342, 15.8864,
24.3855

■ 10.0937, 7.7296,
23.1505

■ 19.3493, 19.5643,
24.9470

■ 8.5663, 5.8924,
22.8764

■ 22.5208, 23.7562,
25.5889

■ 7.3212, 4.4521,
22.6640

■ 26.0608, 28.4812,
26.3144

■ 6.3392, 3.3780,
22.5084

■ 29.9808, 33.7573,
27.1262

■ 5.5986, 2.6343,
22.4039

■ 34.2919, 39.6017,
28.0270

■ 5.0486, 2.1281,
22.3352

■ 39.0048, 46.0307,
29.0196

■ 5.0151, 2.0963,
22.3308

■ 44.1297, 53.0602,
30.1063

■ 49.6764, 60.7052,
31.2896

Harmonies

Analogous

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



12.2607, 12.7021, 26.2688



14.0620, 12.7021, 23.9009



15.4279, 12.7021, 18.8152

Triad

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



14.0620, 12.7021, 23.9009



13.7069, 12.7021, 6.7435



8.9378, 12.7021, 14.3723

Complementary

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



14.0620, 12.7021, 23.9009



18.4344, 21.7211, 13.8112

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.



9.2435, 12.7021, 9.8144



14.0620, 12.7021, 23.9009



11.8871, 12.7021, 6.1092

Square

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



14.0620, 12.7021, 23.9009



15.2090, 12.7021, 9.0956



10.2809, 12.7021, 7.0803



9.4007, 12.7021, 19.9758

Rectangle

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



14.0620, 12.7021, 23.9009



15.8429, 12.7021, 15.0559



10.2809, 12.7021, 7.0803



8.9542, 12.7021, 12.6733

Sweetspot

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



14.0624, 12.7026, 23.9012



34.7134, 35.1180, 44.6873



15.8836, 18.1404, 24.8548



7.6692, 7.7129, 10.0372



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.0624, 12.7026, 23.9012



22.6338, 19.5104, 42.3114



16.5345, 13.9770, 24.0169



4.5487, 4.6035, 5.8496



4.7841, 2.0004, 21.2707



0.0230, 0.0102, 0.0740

Inverse Universe

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



17.1888, 14.3976, 20.2860



29.2198, 23.0855, 34.4943



16.0133, 20.4730, 13.6979



4.8034, 4.7410, 5.5769



11.2059, 5.5467, 10.9224



0.0419, 0.0205, 0.0543

Previews

White Background



This preview shows how the XYZ color 14.0620, 12.7021, 23.9009 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 14.0620, 12.7021, 23.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

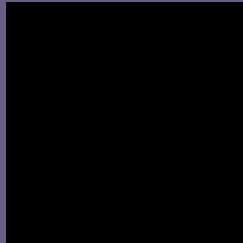
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0620, 12.7021, 23.9009

Background



This preview shows how black text looks on a background with the XYZ color 14.0620, 12.7021, 23.9009.



This preview shows how white text looks on a background with the XYZ color 14.0620, 12.7021,

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

14.0620, 12.7021, 23.9009

Protanopia

13.0256, 12.8251, 25.0815

Deuteranopia

12.9462, 12.6766, 23.5943



Tritanopia

12.3712, 12.6945, 15.7082

Trichromacy



Original Color

14.0620, 12.7021, 23.9009

Protanomaly

13.3672, 12.7316, 24.6746

Deuteranomaly

13.3693, 12.7567, 23.5874

Tritanomaly

12.9066, 12.6351, 18.2816

Monochromacy



Original Color

14.0620, 12.7021, 23.9009

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0360, 12.9995, 17.4449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0620, 12.7021, 23.9009 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(105, 94, 133)` looks like.

```
.text, #text, p{  
    color:rgb(105, 94, 133)  
}
```

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(105, 94, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 94, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.0620, 12.7021, 23.9009 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(105, 94, 133) }
```


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

```
.border{ border-color:rgb(105, 94, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 94, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 94, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 94, 133);  
box-shadow:4px 4px 4px 4px rgb(105, 94,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0620, 12.7021, 23.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 94, 133) }
```

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

```
.background{ background-color: rgb(105, 94,  
133) }
```

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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