

Converting Colors

XYZ(13.9979, 13.8679, 23.8548)

Have a look what the booklet for
XYZ(13.9979, 13.8679, 23.8548)
contains.

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Color

**XYZ(14.0521, 13.9631,
23.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	626784
RGB	98, 103, 132
RGB Percent	38%, 40%, 52%
CMY	0.6157, 0.5961, 0.4824
CMYK	0.26, 0.22, 0.00, 0.48
HSL	231°, 15%, 45%
HSV	231°, 26%, 52%
XYZ	14.0521, 13.9631, 23.7843
YIQ	104.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

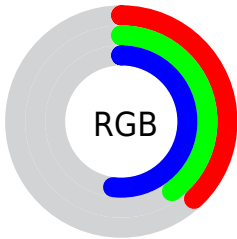
Format	Color
R_{YB}	98, 102, 132
Decimal	6449028
CIE _{Lab}	44.18, 4.99, -16.69
CIE _{LCh}	44, 17.421, 286.641
Yxy	13.9631, 0.2713, 0.2696
Android (android.graphics.Color)	4284639108 (0xFF626784)
YUV	104.8110, 13.4042, -5.9732
Hunter-Lab	37.3672, 1.7330, -11.5811

Details

The XYZ color **14.0521, 13.9631, 23.7843** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.3099, 20.9662, 14.5848**, and the grayscale version is **13.3438, 14.0387, 15.2882**.

A 20% lighter version of the original color is **32.7070, 33.0035, 50.5454**, and **4.2526, 4.1157, 8.5529** is the 20% darker color. If you saturate the color by 10%, you get **11.6982, 11.1979, 23.3749**, and if you desaturate by 10%, it is **16.7926, 17.1521, 24.2556**.

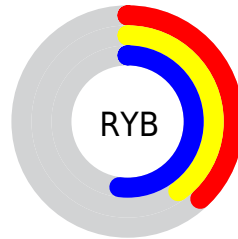
Distribution



Red (38%)

Green (40%)

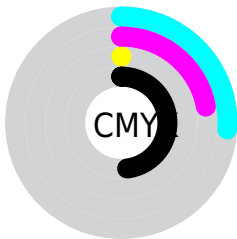
Blue (52%)



Red (38%)

Yellow (40%)

Blue (52%)

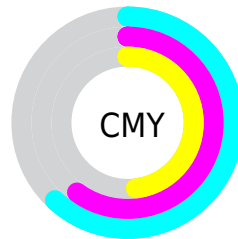


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0521, 13.9631, 23.7843 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 14.0521, 13.9631, 23.7843 by changing the saturation by 10% instead.

■ 14.0521, 13.9631,
23.7843

■ 14.0521, 13.9631,
23.7843

211.0588,
217.0012, 284.9795

■ 8.2389, 8.0950,
14.9630

■ 32.7669, 33.0235,
50.6174

■ 4.3013, 4.1558,
8.6471

■ 46.3992, 46.9847,
69.4662

■ 1.8739, 1.7611,
4.4180

■ 63.3686, 64.4123,
92.4947

■ 0.5616, 0.4627,
1.8574

■ 84.0404, 85.6907,
120.1212

■ 0.0000, 0.0000,
0.4654

108.7799,
111.2045, 152.7644

■ 0.0000, 0.0000,
0.0000

137.9526,

141.3379, 190.8429

171.9238,
176.4753, 234.7750

■ 14.0521, 13.9631,
23.7843

■ 14.0521, 13.9631,
23.7843

■ 11.6982, 11.1979,
23.3749

■ 16.7926, 17.1521,
24.2556

■ 9.7121, 8.8370,
23.0238

■ 19.9348, 20.7801,
24.7903

■ 8.0753, 6.8617,
22.7288

■ 23.4945, 24.8636,
25.3909

■ 6.7674, 5.2513,
22.4869

■ 27.4863, 29.4176,
26.0595

■ 5.7655, 3.9829,
22.2949

■ 31.9241, 34.4566,
26.7982

■ 5.0440, 3.0312,
22.1492

■ 36.8212, 39.9943,
27.6090

■ 4.5656, 2.3633,
22.0455

■ 42.1902, 46.0440,
28.4937

■ 4.4049, 2.1459,
22.0120

■ 48.0435, 52.6185,
29.4542

■ 54.3927, 59.7299,
30.4922

Harmonies

Analogous

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



12.6632, 13.9631, 23.9376



14.0521, 13.9631, 23.7843



15.3121, 13.9631, 21.0905

Triad

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



14.0521, 13.9631, 23.7843



15.1933, 13.9631, 10.2876



10.8362, 13.9631, 13.5019

Complementary

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



14.0521, 13.9631, 23.7843



19.3099, 20.9662, 14.5848

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.



11.4207, 13.9631, 10.5285



14.0521, 13.9631, 23.7843



13.8989, 13.9631, 8.9035

Square

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



14.0521, 13.9631, 23.7843



16.0019, 13.9631, 13.1141



12.5204, 13.9631, 8.9832



10.8709, 13.9631, 17.5037

Rectangle

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



14.0521, 13.9631, 23.7843



15.8808, 13.9631, 18.4463



12.5204, 13.9631, 8.9832



10.9650, 13.9631, 12.3648

Sweetspot

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



14.0525, 13.9637, 23.7846



33.7078, 34.9834, 43.4290



17.1128, 20.6292, 23.1247



7.6705, 7.9403, 10.0810



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.



14.0525, 13.9637, 23.7846



22.2117, 21.6172, 41.4550



14.9509, 13.7103, 23.6884



4.4857, 4.6470, 5.8613



4.2677, 2.0831, 21.3138



0.0180, 0.0137, 0.0749

Inverse Universe

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



16.3319, 14.6206, 14.7938



26.9720, 23.0693, 22.6606



18.2158, 21.3849, 14.7233



4.6984, 4.6991, 5.0243



9.3322, 4.7972, 1.0559



0.0340, 0.0173, 0.0123

Previews

White Background



This preview shows how the XYZ color 14.0521, 13.9631, 23.7843 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 14.0521, 13.9631, 23.7843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

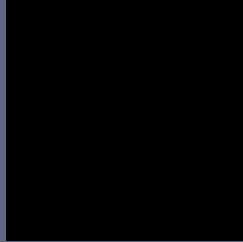
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0521, 13.9631, 23.7843

Background



This preview shows how black text looks on a background with the XYZ color 14.0521, 13.9631, 23.7843.



This preview shows how white text looks on a background with the XYZ color 14.0521, 13.9631,

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

14.0521, 13.9631, 23.7843

Protanopia

13.9449, 13.9078, 23.7793

Deuteranopia

14.1718, 13.8780, 23.7616



Tritanopia

12.9679, 13.9788, 18.2343

Trichromacy



Original Color

14.0521, 13.9631, 23.7843

Protanomaly

13.9449, 13.9078, 23.7793

Deuteranomaly

14.0618, 13.8213, 23.7564

Tritanomaly

13.3266, 13.9704, 20.0833

Monochromacy



Original Color

14.0521, 13.9631, 23.7843

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5243, 13.9632, 18.2020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0521, 13.9631, 23.7843 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(98, 103, 132) looks like.

```
.text, #text, p{  
    color:rgb(98, 103, 132)  
}
```

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(98, 103, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 103, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.0521, 13.9631, 23.7843 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(98, 103, 132) }
```


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

```
.border{ border-color:rgb(98, 103, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 103, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 103, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 103, 132);  
box-shadow:4px 4px 4px 4px rgb(98, 103,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0521, 13.9631, 23.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 103, 132) }
```

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

```
.background{ background-color: rgb(98, 103,  
132) }
```

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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