

Converting Colors

XYZ(23.7073, 21.5308, 34.4600)

Have a look what the booklet for
XYZ(23.7073, 21.5308, 34.4600)
contains.

XYZ(23.7017, 21.4960, 34.3524)	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(23.7017, 21.4960,
34.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	8D789C
RGB	141, 120, 156
RGB Percent	55%, 47%, 61%
CMY	0.4471, 0.5294, 0.3882
CMYK	0.10, 0.23, 0.00, 0.39
HSL	275°, 15%, 54%
HSV	275°, 23%, 61%
XYZ	23.7017, 21.4960, 34.3524
YIQ	130.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

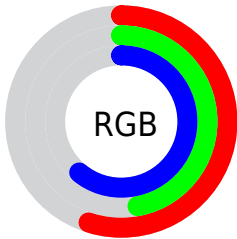
Format	Color
R_{YB}	141, 120, 156
Decimal	9271452
CIE _{Lab}	53.49, 15.20, -16.35
CIE _{LCh}	53, 22.319, 312.913
Yxy	21.4960, 0.2979, 0.2702
Android (android.graphics.Color)	4287461532 (0xFF8D789C)
YUV	130.3830, 12.6292, 9.3111
Hunter-Lab	46.3638, 10.1147, -11.4752

Details

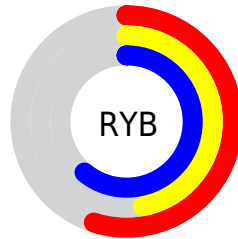
The XYZ color **23.7017, 21.4960, 34.3524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.2711, 30.2845, 22.2840**, and the grayscale version is **21.3107, 22.4205, 24.4160**.

A 20% lighter version of the original color is **49.0161, 45.8103, 67.8869**, and **9.0195, 7.7001, 14.3755** is the 20% darker color. If you saturate the color by 10%, you get **20.9033, 17.4919, 33.7274**, and if you desaturate by 10%, it is **26.8720, 26.1467, 35.0833**.

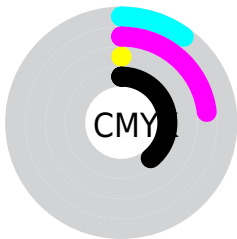
Distribution



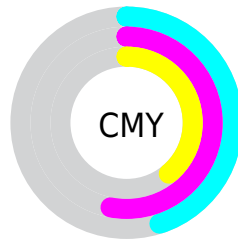
- Red (55%)
- Green (47%)
- Blue (61%)



- Red (55%)
- Yellow (47%)
- Blue (61%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7017, 21.4960, 34.3524 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 23.7017, 21.4960, 34.3524 by changing the saturation by 10% instead.

■ 23.7017, 21.4960,
34.3524

■ 23.7017, 21.4960,
34.3524

263.7774,
259.9028, 336.5175

■ 15.2360, 13.4870,
22.8849

■ 49.0012, 45.9116,
67.6215

■ 9.0726, 7.7648,
14.3040

■ 66.5657, 63.0870,
90.2601

■ 4.8461, 3.9448,
8.1913

■ 87.8940, 84.0866,
117.4595

■ 2.1910, 1.6427,
4.1281

113.3512,
109.2950, 149.6383

■ 0.7380, 0.3862,
1.6959

143.3028,
139.0964, 187.2149

■ 0.0000, 0.0000,
0.3579

178.1141,

■ 0.0000, 0.0000,

173.8752, 230.6080

0.0000

218.1506,
214.0159, 280.2360

■ 23.7017, 21.4960,
34.3524

■ 23.7017, 21.4960,
34.3524

■ 20.9033, 17.4919,
33.7274

■ 26.8720, 26.1467,
35.0833

■ 18.4590, 14.1016,
33.2018

■ 30.4270, 31.4693,
35.9233

■ 16.3521, 11.2933,
32.7708

■ 34.3814, 37.4913,
36.8773

■ 14.5641, 9.0314,
32.4284

■ 38.7485, 44.2376,
37.9493

■ 13.0741, 7.2760,
32.1681

■ 43.5408, 51.7319,
39.1432

■ 11.8585, 5.9818,
31.9824

■ 48.7704, 59.9969,
40.4629

■ 10.8895, 5.0948,
31.8623

■ 54.4489, 69.0542,
41.9118

■ 10.3149, 4.6243,
31.8017

■ 60.5874, 78.9246,
43.4935

■ 65.4481, 86.1316,
44.6284

Harmonies

Analogous

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



21.4691, 21.4960, 38.6109



23.7017, 21.4960, 34.3524



25.1155, 21.4960, 27.4632

Triad

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



23.7017, 21.4960, 34.3524



21.8029, 21.4960, 12.9963



16.2949, 21.4960, 26.4521

Complementary

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



23.7017, 21.4960, 34.3524



25.2711, 30.2845, 22.2840

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.



16.3690, 21.4960, 19.7685



23.7017, 21.4960, 34.3524



19.4275, 21.4960, 12.8304

Square

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



23.7017, 21.4960, 34.3524



23.9624, 21.4960, 15.5809



17.4765, 21.4960, 15.0729



17.2654, 21.4960, 33.4896

Rectangle

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



23.7017, 21.4960, 34.3524



25.3408, 21.4960, 22.7470



17.4765, 21.4960, 15.0729



16.2008, 21.4960, 24.0766

Sweetspot

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



23.7024, 21.4969, 34.3529



52.5537, 53.0779, 64.6019



22.4953, 23.8901, 34.8784



11.4887, 11.5665, 14.1974



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.7024, 21.4969, 34.3529



40.1828, 34.9169, 61.7485



26.2269, 22.8216, 33.4206



6.6367, 6.6167, 8.3340



8.5363, 3.8296, 26.1965



0.2001, 0.0929, 0.4706

Inverse Universe

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



24.8007, 22.2511, 25.9106



42.6372, 36.5956, 43.1855



23.1727, 29.1857, 22.9557



6.7420, 6.6897, 7.4923



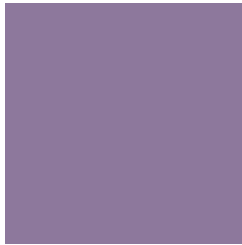
12.0956, 6.1428, 4.7546



0.2369, 0.1181, 0.1934

Previews

White Background



This preview shows how the XYZ color 23.7017, 21.4960, 34.3524 looks on a white background.

Color Contrast Check

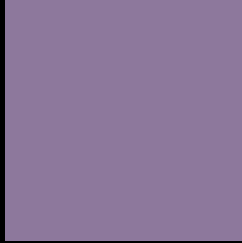
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.7017, 21.4960, 34.3524 looks on a black 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

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

XYZ 23.7017, 21.4960, 34.3524

Background



This preview shows how black text looks on a background with the XYZ color 23.7017, 21.4960, 34.3524.



This preview shows how white text looks on a background with the XYZ color 23.7017, 21.4960,

34.3524.

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

23.7017, 21.4960, 34.3524

Protanopia

21.7681, 21.7450, 36.7681

Deuteranopia

22.0024, 21.5458, 34.0095



Tritanopia

21.9920, 21.5398, 25.5528

Trichromacy



Original Color

23.7017, 21.4960, 34.3524

Protanomaly

22.3677, 21.5077, 35.7734

Deuteranomaly

22.5151, 21.4380, 33.9616

Tritanomaly

22.6129, 21.6079, 28.5701

Monochromacy



Original Color

23.7017, 21.4960, 34.3524

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9526, 21.8541, 27.4873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7017, 21.4960, 34.3524 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(141, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(141, 120, 156)  
}
```

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(141, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 23.7017, 21.4960, 34.3524 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(141, 120, 156) }
```


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

```
.border{ border-color:rgb(141, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(141, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7017, 21.4960, 34.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 120, 156) }
```

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

```
.background{ background-color: rgb(141,  
120, 156) }
```

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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