

Converting Colors

XYZ(23.2625, 21.7969, 29.6677)

Have a look what the booklet for
XYZ(23.2625, 21.7969, 29.6677)
contains.

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Color

**XYZ(23.2257, 21.7142,
29.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7A91
RGB	142, 122, 145
RGB Percent	56%, 48%, 57%
CMY	0.4431, 0.5216, 0.4314
CMYK	0.02, 0.16, 0.00, 0.43
HSL	292°, 9%, 52%
HSV	292°, 16%, 57%
XYZ	23.2257, 21.7142, 29.7552
YIQ	130.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

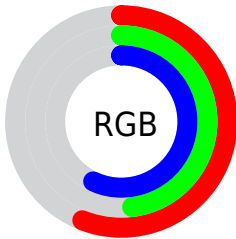
Format	Color
R_{YB}	142, 122, 145
Decimal	9337489
CIE _{Lab}	53.72, 12.07, -9.58
CIE _{LCh}	54, 15.404, 321.563
Y _{xy}	21.7142, 0.3109, 0.2907
Android (android.graphics.Color)	4287527569 (0xFF8E7A91)
YUV	130.6020, 7.0982, 9.9960
Hunter-Lab	46.5985, 7.4209, -5.2403

Details

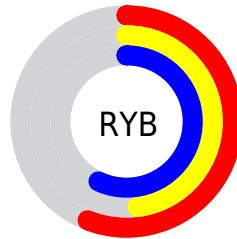
The XYZ color **23.2257, 21.7142, 29.7552** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0965, 26.0165, 22.2705**, and the grayscale version is **21.4065, 22.5214, 24.5258**.

A 20% lighter version of the original color is **48.2098, 46.1314, 60.3961**, and **8.8617, 7.8666, 11.8778** is the 20% darker color. If you saturate the color by 10%, you get **21.2549, 18.2500, 29.1907**, and if you desaturate by 10%, it is **25.4690, 25.7144, 30.4094**.

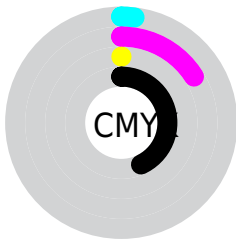
Distribution



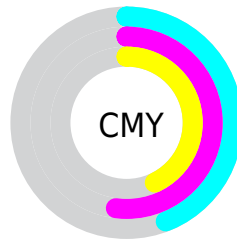
- Red (56%)
- Green (48%)
- Blue (57%)



- Red (56%)
- Yellow (48%)
- Blue (57%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2257, 21.7142, 29.7552 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 23.2257, 21.7142, 29.7552 by changing the saturation by 10% instead.

■ 23.2257, 21.7142,
29.7552

■ 23.2257, 21.7142,
29.7552

261.3959,
261.0501, 314.9334

■ 14.8819, 13.6470,
19.4024

■ 48.2276, 46.2732,
60.3312

■ 8.8223, 7.8756,
11.7816

■ 65.6164, 63.5338,
81.3916

■ 4.6816, 4.0154,
6.4744

■ 86.7508, 84.6277,
106.8581

■ 2.0945, 1.6822,
3.0622

111.9963,
109.9392, 137.1494

■ 0.6862, 0.4121,
1.1265

141.7182,
139.8529, 172.6841

■ 0.0000, 0.0000,
0.0000

176.2819,

174.7530, 213.8806

216.0526,
215.0239, 261.1576

■ 23.2257, 21.7142,
29.7552

■ 23.2257, 21.7142,
29.7552

■ 21.2549, 18.2500,
29.1907

■ 25.4690, 25.7144,
30.4094

■ 19.5429, 15.2955,
28.7107

■ 27.9937, 30.2699,
31.1556

■ 18.0777, 12.8266,
28.3114

■ 30.8111, 35.4023,
31.9978

■ 16.8455, 10.8157,
27.9882

■ 33.9310, 41.1314,
32.9392

■ 15.8314, 9.2328,
27.7361

■ 37.3627, 47.4758,
33.9829

■ 15.0184, 8.0442,
27.5495

■ 41.1153, 54.4536,
35.1320

■ 14.3870, 7.2110,
27.4220

■ 45.1973, 62.0819,
36.3892

■ 13.9090, 6.6767,
27.3440

■ 49.6171, 70.3772,
37.7575

■ 13.7279, 6.4866,
27.3169

■ 54.3826, 79.3556,
39.2393

Harmonies

Analogous

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



21.8272, 21.7142, 33.1432



23.2257, 21.7142, 29.7552



23.9398, 21.7142, 25.0018

Triad

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



23.2257, 21.7142, 29.7552



21.1078, 21.7142, 15.7439



17.8257, 21.7142, 27.1433

Complementary

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



23.2257, 21.7142, 29.7552



22.0965, 26.0165, 22.2705

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.



17.6559, 21.7142, 22.3345



23.2257, 21.7142, 29.7552



19.4941, 21.7142, 16.1576

Square

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



23.2257, 21.7142, 29.7552



22.6751, 21.7142, 17.2144



18.2513, 21.7142, 18.4311



18.7280, 21.7142, 31.5009

Rectangle

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



23.2257, 21.7142, 29.7552



23.9066, 21.7142, 21.8676



18.2513, 21.7142, 18.4311



17.6830, 21.7142, 25.5122

Sweetspot

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



23.2263, 21.7151, 29.7557



45.9346, 46.6317, 54.5534



20.4799, 20.8671, 29.7367



10.1590, 10.2668, 12.1184



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.2263, 21.7151, 29.7557



40.2917, 36.5867, 52.9119



23.1216, 21.7335, 26.4813



5.5580, 5.4759, 6.7928



11.7900, 5.5716, 23.4311



0.1252, 0.0597, 0.2246

Inverse Universe

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



22.3390, 21.4205, 22.3603



38.4087, 35.9652, 37.0508



22.2106, 26.0123, 25.1230



5.4358, 5.4348, 5.7927



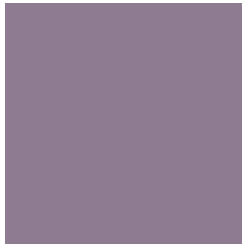
10.1220, 5.2058, 1.0278



0.1012, 0.0516, 0.0333

Previews

White Background



This preview shows how the XYZ color 23.2257, 21.7142, 29.7552 looks on a white background.

Color Contrast Check

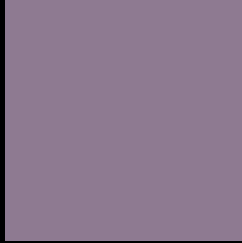
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2257, 21.7142, 29.7552 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 23.2257, 21.7142, 29.7552

Background



This preview shows how black text looks on a background with the XYZ color 23.2257, 21.7142, 29.7552.



This preview shows how white text looks on a background with the XYZ color 23.2257, 21.7142,

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

23.2257, 21.7142, 29.7552

Protanopia

21.4716, 21.7086, 31.4923

Deuteranopia

22.1992, 21.7492, 29.4135



Tritanopia

22.3259, 21.7120, 25.5684

Trichromacy



Original Color

23.2257, 21.7142, 29.7552

Protanomaly

22.0390, 21.6306, 31.0305

Deuteranomaly

22.5582, 21.7473, 29.3943

Tritanomaly

22.6549, 21.6636, 27.0322

Monochromacy



Original Color

23.2257, 21.7142, 29.7552

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1548, 22.3668, 26.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2257, 21.7142, 29.7552 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(142, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 145)  
}
```

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(142, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.2257, 21.7142, 29.7552 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(142, 122, 145) }
```


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

```
.border{ border-color:rgb(142, 122, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2257, 21.7142, 29.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 145) }
```

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

```
.background{ background-color: rgb(142,  
122, 145) }
```

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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