

Converting Colors

XYZ(20.7569, 14.7142, 22.8652)

Have a look what the booklet for
XYZ(20.7569, 14.7142, 22.8652)
contains.

XYZ(20.7569, 14.7142, 22.8652)	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(20.7569, 14.7142,
22.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5282
RGB	156, 82, 130
RGB Percent	61%, 32%, 51%
CMY	0.3882, 0.6784, 0.4902
CMYK	0.00, 0.47, 0.17, 0.39
HSL	321°, 31%, 47%
HSV	321°, 47%, 61%
XYZ	20.7569, 14.7142, 22.8652
YIQ	109.5980, 28.6960, 30.6160

Conversions

Conversions Part 2

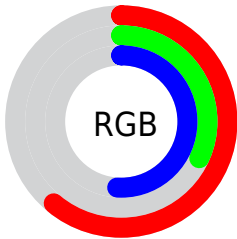
Format	Color
R_{YB}	156, 82, 130
Decimal	10244738
CIE _{Lab}	45.24, 37.13, -13.29
CIE _{LCh}	45, 39.441, 340.306
Yxy	14.7142, 0.3558, 0.2522
Android (android.graphics.Color)	4288434818 (0xFF9C5282)
YUV	109.5980, 10.0582, 40.6946
Hunter-Lab	38.3591, 29.4616, -8.4904

Details

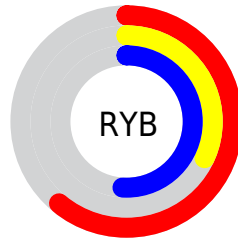
The XYZ color **20.7569, 14.7142, 22.8652** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.0756, 26.6540, 18.3806**, and the grayscale version is **14.6729, 15.4370, 16.8109**.

A 20% lighter version of the original color is **44.2237, 34.4661, 49.1215**, and **7.5952, 4.5107, 8.2549** is the 20% darker color. If you saturate the color by 10%, you get **19.3534, 12.4802, 20.6302**, and if you desaturate by 10%, it is **22.4484, 17.4923, 25.2932**.

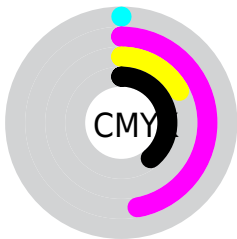
Distribution



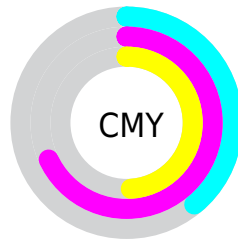
- Red (61%)
- Green (32%)
- Blue (51%)



- Red (61%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7569, 14.7142, 22.8652 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 20.7569, 14.7142, 22.8652 by changing the saturation by 10% instead.

20.7569, 14.7142,
22.8652

20.7569, 14.7142,
22.8652

248.7400,
221.6298, 280.1313

13.0579, 8.6191,
14.2896

44.1769, 34.3510,
49.0923

7.5457, 4.4935,
8.1813

60.6286, 48.6615,
67.5809

3.8550, 1.9533,
4.1218

80.7286, 66.4792,
90.2109

1.6204, 0.5801,
1.6924

104.8422, 88.1885,
117.4009

0.4057, 0.0000,
0.3555

133.3348,
114.1738, 149.5694

0.0000, 0.0000,
0.0000

166.5717,

144.8195, 187.1349

204.9183,
180.5100, 230.5161

■ 20.7569, 14.7142,
22.8652

■ 20.7569, 14.7142,
22.8652

■ 19.3534, 12.4802,
20.6302

■ 22.4484, 17.4923,
25.2932

■ 18.2178, 10.7514,
18.5797

■ 24.4434, 20.8458,
27.9203

■ 17.3296, 9.4869,
16.7053

■ 26.7579, 24.8062,
30.7536

■ 16.6644, 8.6387,
14.9974

■ 29.4065, 29.4018,
33.7993

■ 16.1817, 8.1260,
13.4408

■ 32.4027, 34.6594,
37.0631

■ 16.0686, 8.0113,
13.0594

■ 35.7593, 40.6041,
40.5509

■ 39.4883, 47.2598,
44.2678

■ 43.6015, 54.6492,
48.2190

■ 48.1098, 62.7940,
52.4095

Harmonies

Analogous

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



18.4452, 14.7142, 33.9834



20.7569, 14.7142, 22.8652



21.1043, 14.7142, 13.0191

Triad

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



20.7569, 14.7142, 22.8652



12.8936, 14.7142, 4.0537



9.7288, 14.7142, 30.6673

Complementary

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



20.7569, 14.7142, 22.8652



18.0756, 26.6540, 18.3806

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.



8.6799, 14.7142, 19.4527



20.7569, 14.7142, 22.8652



10.3095, 14.7142, 5.8596

Square

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



20.7569, 14.7142, 22.8652



16.2062, 14.7142, 4.3656



8.8745, 14.7142, 10.7006



11.9774, 14.7142, 39.5666

Rectangle

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



20.7569, 14.7142, 22.8652



20.1258, 14.7142, 8.5619



8.8745, 14.7142, 10.7006



9.2413, 14.7142, 26.8961

Sweetspot

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



20.7574, 14.7149, 22.8655



50.0512, 47.5623, 57.5607



15.1909, 11.6176, 32.8946



10.8083, 10.1112, 12.4259



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.



20.7574, 14.7149, 22.8655



34.9923, 22.4204, 37.2006



18.7084, 13.8953, 12.0760



6.8051, 6.7150, 7.8247



13.2523, 6.6055, 10.8454



0.2563, 0.1258, 0.2958

Inverse Universe

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



20.7574, 14.7149, 22.8655



34.9923, 22.4204, 37.2006



20.4718, 27.6125, 30.9990



6.8051, 6.7150, 7.8247



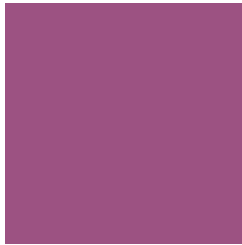
13.2523, 6.6055, 10.8454



0.2563, 0.1258, 0.2958

Previews

White Background



This preview shows how the XYZ color 20.7569, 14.7142, 22.8652 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

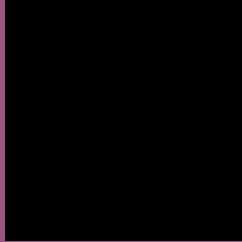
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7569, 14.7142, 22.8652

Background



This preview shows how black text looks on a background with the XYZ color 20.7569, 14.7142, 22.8652.



This preview shows how white text looks on a background with the XYZ color 20.7569, 14.7142,

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

20.7569, 14.7142, 22.8652

Protanopia

15.2444, 14.9014, 29.6766

Deuteranopia

15.1241, 14.8607, 21.8099



Tritanopia

18.6326, 14.6647, 12.9149

Trichromacy



Original Color

20.7569, 14.7142, 22.8652

Protanomaly

16.5536, 14.3240, 27.0916

Deuteranomaly

16.7096, 14.5173, 22.0001

Tritanomaly

19.1714, 14.5106, 15.9777

Monochromacy



Original Color

20.7569, 14.7142, 22.8652

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.5205, 14.9107, 18.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7569, 14.7142, 22.8652 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(156, 82, 130)` looks like.

```
.text, #text, p{  
    color:rgb(156, 82, 130)  
}
```

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(156, 82, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 82, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.7569, 14.7142, 22.8652 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(156, 82, 130) }
```


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

```
.border{ border-color:rgb(156, 82, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 82, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 82, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 82, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 82,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7569, 14.7142, 22.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 82, 130) }
```

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

```
.background{ background-color: rgb(156, 82,  
130) }
```

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