

Converting Colors

XYZ(19.5529, 13.9775, 28.0529)

Have a look what the booklet for
XYZ(19.5529, 13.9775, 28.0529)
contains.

XYZ(19.5529, 13.9775, 28.0529)	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(19.5529, 13.9775,
28.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	905290
RGB	144, 82, 144
RGB Percent	56%, 32%, 56%
CMY	0.4353, 0.6784, 0.4353
CMYK	0.00, 0.43, 0.00, 0.44
HSL	300°, 27%, 44%
HSV	300°, 43%, 56%
XYZ	19.5529, 13.9775, 28.0529
YIQ	107.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

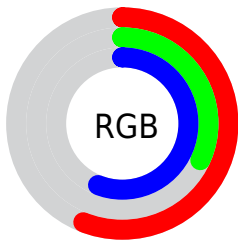
Format	Color
R_{YB}	144, 82, 144
Decimal	9458320
CIE _{Lab}	44.20, 35.68, -23.47
CIE _{LCh}	44, 42.704, 326.662
Yxy	13.9775, 0.3175, 0.2270
Android (android.graphics.Color)	4287648400 (0xFF905290)
YUV	107.6060, 17.9422, 31.9175
Hunter-Lab	37.3865, 27.9280, -18.3176

Details

The XYZ color **19.5529, 13.9775, 28.0529** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.9765, 22.3500, 11.5081**, and the grayscale version is **14.0923, 14.8262, 16.1457**.

A 20% lighter version of the original color is **42.1338, 32.9944, 57.5739**, and **6.9333, 4.1533, 10.7922** is the 20% darker color. If you saturate the color by 10%, you get **18.5790, 12.0294, 27.7284**, and if you desaturate by 10%, it is **20.7556, 16.3826, 28.4540**.

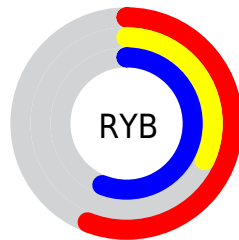
Distribution



Red (56%)

Green (32%)

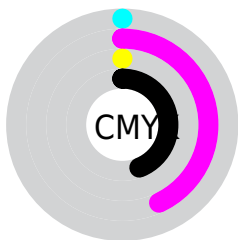
Blue (56%)



Red (56%)

Yellow (32%)

Blue (56%)

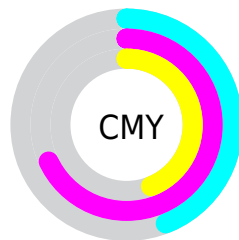


Cyan (0%)

Magenta (43%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (68%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5529, 13.9775, 28.0529 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 19.5529, 13.9775, 28.0529 by changing the saturation by 10% instead.

■ 19.5529, 13.9775,
28.0529

■ 19.5529, 13.9775,
28.0529

242.3643,
217.0908, 306.6395

■ 12.1768, 8.1050,
18.1262

■ 42.1760, 33.0491,
57.5930

■ 6.9373, 4.1622,
10.8702

■ 58.1537, 47.0170,
78.0434

■ 3.4689, 1.7647,
5.8666

■ 77.7294, 64.4522,
102.8389

■ 1.4063, 0.4650,
2.6966

■ 101.2684, 85.7390,
132.3978

■ 0.2607, 0.0000,
0.9417

■ 129.1360,
111.2619, 167.1388

■ 0.0000, 0.0000,
0.0000

161.6976,

141.4052, 207.4804

199.3186,
176.5534, 253.8411

■ 19.5529, 13.9775,
28.0529

■ 19.5529, 13.9775,
28.0529

■ 18.5790, 12.0294,
27.7284

■ 20.7556, 16.3826,
28.4540

■ 17.8182, 10.5078,
27.4747

■ 22.1989, 19.2691,
28.9351

■ 17.2549, 9.3811,
27.2869

■ 23.8953, 22.6619,
29.5006

■ 16.8708, 8.6130,
27.1589

■ 25.8561, 26.5836,
30.1542

■ 16.6443, 8.1601,
27.0834

■ 28.0921, 31.0555,
30.8996

■ 16.5358, 7.9430,
27.0472

■ 30.6132, 36.0977,
31.7400

■ 33.4290, 41.7292,
32.6786

■ 36.5485, 47.9683,
33.7185

■ 39.9805, 54.8324,
34.8625

Harmonies

Analogous

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



16.4512, 13.9775, 38.9353



19.5529, 13.9775, 28.0529



20.9678, 13.9775, 16.3392

Triad

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



19.5529, 13.9775, 28.0529



13.6707, 13.9775, 3.1141



8.2434, 13.9775, 25.3004

Complementary

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



19.5529, 13.9775, 28.0529



14.9765, 22.3500, 11.5081

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.



7.7541, 13.9775, 14.1514



19.5529, 13.9775, 28.0529



10.5539, 13.9775, 3.8477

Square

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



19.5529, 13.9775, 28.0529



17.2257, 13.9775, 4.3017



8.5243, 13.9775, 7.0539



9.9967, 13.9775, 36.9251

Rectangle

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



19.5529, 13.9775, 28.0529



20.6116, 13.9775, 10.4434



8.5243, 13.9775, 7.0539



7.9401, 13.9775, 21.2657

Sweetspot

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



19.5534, 13.9781, 28.0532



42.0766, 39.8327, 52.0088



11.5317, 9.8428, 27.6779



9.5025, 8.8414, 11.8779



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.



19.5534, 13.9781, 28.0532



32.7667, 21.2129, 48.9052



17.5001, 13.1568, 17.2406



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5530



0.1377, 0.0661, 0.2252

Inverse Universe

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



19.5534, 13.9781, 28.0532



32.7667, 21.2129, 48.9052



16.4341, 22.9330, 19.1838



5.6263, 5.5110, 6.7960



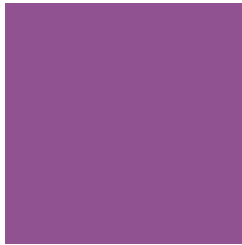
14.3995, 6.9168, 23.5530



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 19.5529, 13.9775, 28.0529 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 19.5529, 13.9775, 28.0529

Background



This preview shows how black text looks on a background with the XYZ color 19.5529, 13.9775, 28.0529.



This preview shows how white text looks on a background with the XYZ color 19.5529, 13.9775,

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

19.5529, 13.9775, 28.0529

Protanopia

14.9394, 14.1585, 35.6637

Deuteranopia

14.4077, 14.0807, 26.7694



Tritanopia

16.5605, 13.9584, 13.6258

Trichromacy



Original Color

19.5529, 13.9775, 28.0529

Protanomaly

15.9525, 13.6151, 32.7975

Deuteranomaly

15.7100, 13.6182, 26.9999

Tritanomaly

17.3995, 13.7927, 17.9649

Monochromacy



Original Color

19.5529, 13.9775, 28.0529

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.7982, 14.3691, 20.0300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5529, 13.9775, 28.0529 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(144, 82, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 82, 144)  
}
```

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(144, 82, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 82, 144) }
```

Border

The CSS property to change the border of an element to XYZ 19.5529, 13.9775, 28.0529 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(144, 82, 144) }
```


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

```
.border{ border-color:rgb(144, 82, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 82, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 82, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 82, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 82,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5529, 13.9775, 28.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 82, 144) }
```

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

```
.background{ background-color: rgb(144, 82,  
144) }
```

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