

Converting Colors

XYZ(27.9877, 20.9755, 45.7536)

Have a look what the booklet for
XYZ(27.9877, 20.9755, 45.7536)
contains.

| | |
|--|----|
| XYZ(27.9877, 20.9755, 45.7536) | 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(27.9877, 20.9755,
45.7536)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A169B4 |
| RGB | 161, 105, 180 |
| RGB Percent | 63%, 41%, 71% |
| CMY | 0.3686, 0.5882, 0.2941 |
| CMYK | 0.11, 0.42, 0.00, 0.29 |
| HSL | 285°, 33%, 56% |
| HSV | 285°, 42%, 71% |
| XYZ | 27.9877, 20.9755, 45.7536 |
| YIQ | 130.2940, 9.3010, 35.1970 |

Conversions

Conversions Part 2

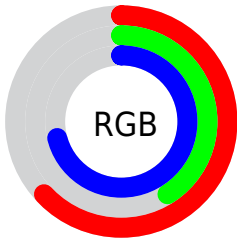
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 161, 105, 180 |
| Decimal | 10578356 |
| CIE _{Lab} | 52.92, 35.56, -30.97 |
| CIE _{LCh} | 53, 47.158, 318.949 |
| Yxy | 20.9755, 0.2955, 0.2215 |
| Android (android.graphics.Color) | 4288768436 (0xFFA169B4) |
| YUV | 130.2940, 24.5051, 26.9292 |
| Hunter-Lab | 45.7990, 28.9328, -27.1719 |

Details

The XYZ color **27.9877, 20.9755, 45.7536** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.1840, 37.9481, 19.2575**, and the grayscale version is **21.2364, 22.3423, 24.3308**.

A 20% lighter version of the original color is **55.8126, 44.9218, 85.0860**, and **11.4293, 7.5488, 20.9333** is the 20% darker color. If you saturate the color by 10%, you get **25.4426, 17.2243, 45.1640**, and if you desaturate by 10%, it is **30.9558, 25.5218, 46.4750**.

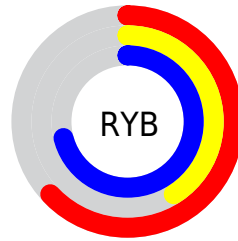
Distribution



Red (63%)

Green (41%)

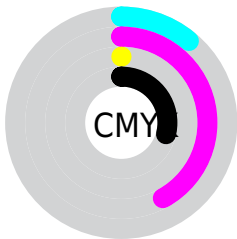
Blue (71%)



Red (63%)

Yellow (41%)

Blue (71%)

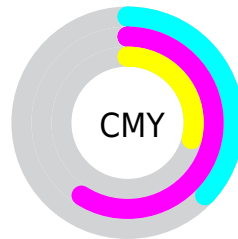


Cyan (11%)

Magenta (42%)

Yellow (0%)

Black (29%)



Cyan (37%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9877, 20.9755, 45.7536 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 27.9877, 20.9755, 45.7536 by changing the saturation by 10% instead.

27.9877, 20.9755,
45.7536

27.9877, 20.9755,
45.7536

284.4893,
257.1483, 386.0659

18.4568, 13.1061,
31.7042

55.8736, 45.0468,
85.1805

11.3801, 7.5016,
20.8727

74.9593, 62.0174,
111.3951

6.3923, 3.7778,
12.8406

97.9606, 82.7906,
142.5018

3.1280, 1.5500,
7.1895

125.2429,
107.7507, 178.9191

1.2218, 0.3236,
3.5006

157.1716,
137.2821, 221.0656

0.1235, 0.0000,
1.3556

194.1120,

0.0000, 0.0000,

171.7692, 269.3599

0.1067

236.4294,
211.5965, 324.2205

■ 0.0000, 0.0000,
0.0000

■ 27.9877, 20.9755,
45.7536

■ 27.9877, 20.9755,
45.7536

■ 25.4426, 17.2243,
45.1640

■ 30.9558, 25.5218,
46.4750

■ 23.2933, 14.2159,
44.6966

■ 34.3675, 30.9057,
47.3344

■ 21.5126, 11.8960,
44.3427

■ 38.2448, 37.1700,
48.3392

■ 20.0686, 10.2016,
44.0917

■ 42.6074, 44.3536,
49.4958

■ 18.9237, 9.0575,
43.9312

■ 47.4739, 52.4931,
50.8104

■ 18.1337, 8.3966,
43.8453

■ 52.8617, 61.6231,
52.2887

■ 58.7876, 71.7765,
53.9362

■ 65.2675, 82.9846,
55.7580

■ 68.3667, 87.3777,
56.4426

Harmonies

Analogous

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



23.1813, 20.9755, 59.4160



27.9877, 20.9755, 45.7536



30.7818, 20.9755, 28.4570

Triad

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



27.9877, 20.9755, 45.7536



21.8123, 20.9755, 5.1970



12.2377, 20.9755, 32.8551

Complementary

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



27.9877, 20.9755, 45.7536



27.1840, 37.9481, 19.2575

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.



11.9948, 20.9755, 18.0134



27.9877, 20.9755, 45.7536



17.0097, 20.9755, 5.5667

Square

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



27.9877, 20.9755, 45.7536



26.8442, 20.9755, 7.8581



13.5997, 20.9755, 9.2316



14.3289, 20.9755, 50.0928

Rectangle

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



27.9877, 20.9755, 45.7536



30.8626, 20.9755, 18.8647



13.5997, 20.9755, 9.2316



11.9518, 20.9755, 27.3350

Sweetspot

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



27.9884, 20.9764, 45.7541



68.9434, 66.7408, 87.5432



21.3984, 20.9667, 46.0995



14.6984, 14.0951, 18.8682



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.9884, 20.9764, 45.7541



46.4788, 31.7303, 81.9695



30.4407, 22.4337, 37.1423



8.6357, 8.5362, 10.6988



12.7204, 5.8934, 30.6041



0.4503, 0.2112, 0.9653

Inverse Universe

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



27.5127, 21.2626, 21.7237



45.7930, 32.4938, 31.4688



25.6916, 37.0639, 24.3761



8.5818, 8.5394, 9.2960



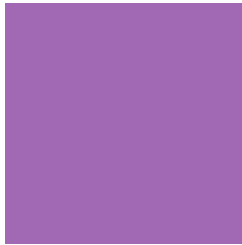
13.4991, 6.9172, 2.5224



0.4487, 0.2272, 0.2057

Previews

White Background



This preview shows how the XYZ color 27.9877, 20.9755, 45.7536 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 27.9877, 20.9755, 45.7536 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 27.9877, 20.9755, 45.7536

Background



This preview shows how black text looks on a background with the XYZ color 27.9877, 20.9755, 45.7536.



This preview shows how white text looks on a background with the XYZ color 27.9877, 20.9755,

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

27.9877, 20.9755, 45.7536

Protanopia

22.5383, 21.1675, 55.1224

Deuteranopia

21.6005, 21.1168, 44.0118



Tritanopia

23.2641, 21.0012, 22.5662

Trichromacy



Original Color

27.9877, 20.9755, 45.7536

Protanomaly

23.8239, 20.6512, 51.4456

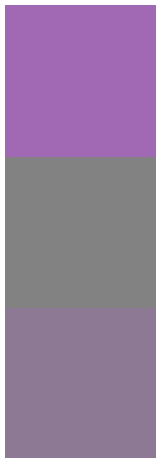
Deuteranomaly

23.4675, 20.7983, 44.3726

Tritanomaly

24.8037, 20.9535, 29.9313

Monochromacy



Original Color

27.9877, 20.9755, 45.7536

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1672, 21.4756, 30.9411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9877, 20.9755, 45.7536 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(161, 105, 180)` looks like.

```
.text, #text, p{  
    color:rgb(161, 105, 180)  
}
```

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(161, 105, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 105, 180) }
```

Border

The CSS property to change the border of an element to XYZ 27.9877, 20.9755, 45.7536 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(161, 105, 180) }
```


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

```
.border{ border-color:rgb(161, 105, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 105, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 105, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 105, 180);  
box-shadow:4px 4px 4px 4px rgb(161, 105,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9877, 20.9755, 45.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 105, 180) }
```

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

```
.background{ background-color: rgb(161,  
105, 180) }
```

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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