

Converting Colors

XYZ(27.8338, 22.8745, 19.5567)

Have a look what the booklet for
XYZ(27.8338, 22.8745, 19.5567)
contains.

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Color

**XYZ(27.7601, 22.8793,
19.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	B37274
RGB	179, 114, 116
RGB Percent	70%, 45%, 45%
CMY	0.2980, 0.5529, 0.5451
CMYK	0.00, 0.36, 0.35, 0.30
HSL	358°, 30%, 57%
HSV	358°, 36%, 70%
XYZ	27.7601, 22.8793, 19.4760
YIQ	133.6630, 38.0980, 14.4020

Conversions

Conversions Part 2

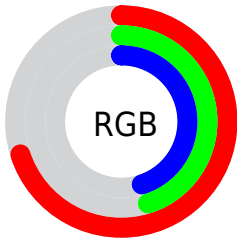
Format	Color
R_{YB}	179, 114, 116
Decimal	11760244
CIE _{Lab}	54.95, 25.93, 9.64
CIE _{LCh}	55, 27.663, 20.386
Yxy	22.8793, 0.3959, 0.3263
Android (android.graphics.Color)	4289950324 (0xFFB37274)
YUV	133.6630, -8.7079, 39.7605
Hunter-Lab	47.8323, 19.8882, 9.3414

Details

The XYZ color **27.7601, 22.8793, 19.4760** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.9964, 38.9924, 47.4897**, and the grayscale version is **22.5580, 23.7328, 25.8450**.

A 20% lighter version of the original color is **55.4787, 48.2975, 43.4441**, and **11.2459, 8.4830, 6.5135** is the 20% darker color. If you saturate the color by 10%, you get **25.0183, 18.8628, 14.0392**, and if you desaturate by 10%, it is **31.0867, 27.7636, 26.0382**.

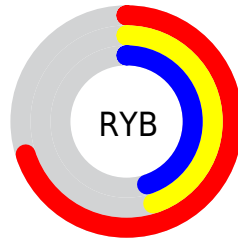
Distribution



Red (70%)

Green (45%)

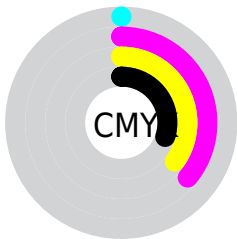
Blue (45%)



Red (70%)

Yellow (45%)

Blue (45%)

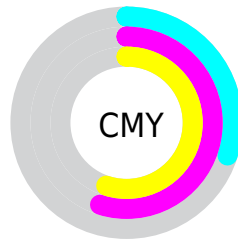


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7601, 22.8793, 19.4760 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 27.7601, 22.8793, 19.4760 by changing the saturation by 10% instead.


 27.7601, 22.8793,
19.4760


 27.7601, 22.8793,
19.4760


283.4197,
267.1044, 261.5738


 18.2844, 14.5044,
11.8344

 55.5125, 48.1951,
43.3843


 11.2553, 8.4723,
6.5099


 74.5200, 65.9047,
60.4880

 6.3074, 4.3986,
3.0838


 97.4354, 87.4948,
81.5830

 3.0753, 1.8990,
1.1376

 124.6242,
113.3496, 107.0876

 1.1937, 0.5478,
0.0000

156.4517,
143.8536, 137.4204

 0.1014, 0.0000,
0.0000

193.2832,

 0.0000, 0.0000,

179.3911, 173.0001

0.0000

235.4841,
220.3466, 214.2450

■ 27.7601, 22.8793,
19.4760

■ 27.7601, 22.8793,
19.4760

■ 25.0183, 18.8628,
14.0392

■ 31.0867, 27.7636,
26.0382

■ 22.8259, 15.6602,
9.6634

■ 35.0273, 33.5589,
33.7826

■ 21.1463, 13.2171,
6.2796

■ 39.6113, 40.3092,
42.7638


■ 19.9379, 11.4705,
3.8103


■ 44.8657, 48.0551,
53.0327


■ 19.1524, 10.3479,
2.1665


■ 50.8158, 56.8345,
64.6372

 18.7278, 9.7534,
1.2401

 57.4858, 66.6834,
77.6229

 18.6205, 9.5958,
1.0286

 64.8986, 77.6363,
92.0330

 72.3688, 88.3110,
107.6734

 72.4004, 88.3237,
107.8400

Harmonies

Analogous

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



28.0989, 22.8793, 27.8423



27.7601, 22.8793, 19.4760



25.7301, 22.8793, 14.0284

Triad

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



27.7601, 22.8793, 19.4760



17.5094, 22.8793, 15.6146



20.7753, 22.8793, 45.5668

Complementary

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



27.7601, 22.8793, 19.4760



30.9964, 38.9924, 47.4897

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.



18.1962, 22.8793, 40.3313



27.7601, 22.8793, 19.4760



16.4312, 22.8793, 22.1943

Square

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



27.7601, 22.8793, 19.4760



19.7545, 22.8793, 12.1903



16.6702, 22.8793, 31.2749



23.8672, 22.8793, 44.3496

Rectangle

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



27.7601, 22.8793, 19.4760



23.7878, 22.8793, 12.1420



16.6702, 22.8793, 31.2749



19.8246, 22.8793, 44.4641

Sweetspot

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



27.7607, 22.8804, 19.4764



66.7930, 66.0798, 68.4636



32.2481, 24.6180, 45.6999



14.5570, 14.2851, 14.6959



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.



27.7607, 22.8804, 19.4764



45.5101, 34.8114, 26.5411



31.6522, 30.8472, 20.2069



8.5066, 8.5094, 8.9001



13.1626, 6.7826, 0.7503



0.4176, 0.2148, 0.0419

Inverse Universe

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



27.7607, 22.8804, 19.4764



45.5101, 34.8114, 26.5411



25.7719, 28.2227, 46.7370



8.5066, 8.5094, 8.9001



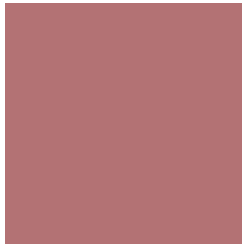
13.1626, 6.7826, 0.7503



0.4176, 0.2148, 0.0419

Previews

White Background



This preview shows how the XYZ color 27.7601, 22.8793, 19.4760 looks on a white background.

Color Contrast Check

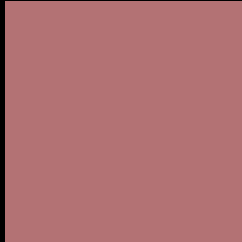
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7601, 22.8793, 19.4760 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 27.7601, 22.8793, 19.4760

Background



This preview shows how black text looks on a background with the XYZ color 27.7601, 22.8793, 19.4760.



This preview shows how white text looks on a background with the XYZ color 27.7601, 22.8793,

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

27.7601, 22.8793, 19.4760

Protanopia

21.9713, 22.9475, 22.6733

Deuteranopia

23.3891, 22.9730, 19.1211



Tritanopia

28.2404, 22.9187, 21.3477

Trichromacy



Original Color

27.7601, 22.8793, 19.4760

Protanomaly

23.7954, 22.7478, 21.5490

Deuteranomaly

24.7520, 22.7339, 19.3032

Tritanomaly

28.1177, 22.8696, 20.7016

Monochromacy



Original Color

27.7601, 22.8793, 19.4760

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.9978, 23.1951, 23.2909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7601, 22.8793, 19.4760 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(179, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(179, 114, 116)  
}
```

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(179, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 114, 116) }
```

Border

The CSS property to change the border of an element to XYZ 27.7601, 22.8793, 19.4760 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(179, 114, 116) }
```


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

```
.border{ border-color:rgb(179, 114, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 114, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(179, 114,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7601, 22.8793, 19.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 114, 116) }
```

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

```
.background{ background-color: rgb(179,  
114, 116) }
```

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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