

Converting Colors

XYZ(20.5163, 19.7286, 19.4696)

Have a look what the booklet for
XYZ(20.5163, 19.7286, 19.4696)
contains.

XYZ(20.5567, 19.6697, 19.5428)	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(20.5567, 19.6697,
19.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7575
RGB	141, 117, 117
RGB Percent	55%, 46%, 46%
CMY	0.4471, 0.5412, 0.5412
CMYK	0.00, 0.17, 0.17, 0.45
HSL	0°, 10%, 51%
HSV	0°, 17%, 55%
XYZ	20.5567, 19.6697, 19.5428
YIQ	124.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

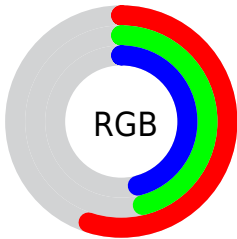
Format	Color
RYB	141, 117, 117
Decimal	9270645
CIELab	51.46, 9.35, 3.50
CIELCh	51, 9.979, 20.513
Yxy	19.6697, 0.3439, 0.3291
Android (android.graphics.Color)	4287460725 (0xFF8D7575)
YUV	124.1760, -3.5378, 14.7546
Hunter-Lab	44.3505, 5.1222, 4.9196

Details

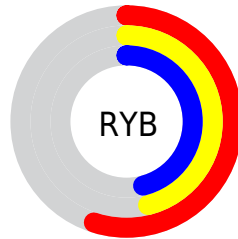
The XYZ color **20.5567, 19.6697, 19.5428** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6685, 24.7541, 28.8354**, and the grayscale version is **19.2254, 20.2266, 22.0268**.

A 20% lighter version of the original color is **43.8551, 42.8426, 43.4942**, and **7.4187, 6.8596, 6.5632** is the 20% darker color. If you saturate the color by 10%, you get **18.2686, 16.3217, 14.9934**, and if you desaturate by 10%, it is **23.2182, 23.5642, 24.8332**.

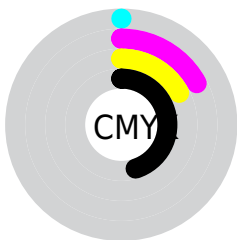
Distribution



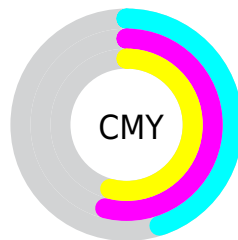
- Red (55%)
- Green (46%)
- Blue (46%)



- Red (55%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5567, 19.6697, 19.5428 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 20.5567, 19.6697, 19.5428 by changing the saturation by 10% instead.

■ 20.5567, 19.6697,
19.5428

■ 20.5567, 19.6697,
19.5428

247.6897,
250.1214, 261.9510

■ 12.9110, 12.1552,
11.8824

■ 43.8454, 42.8627,
43.4982

■ 7.4438, 6.8495,
6.5421

■ 60.2192, 59.3100,
60.6302

■ 3.7900, 3.3681,
3.1033

■ 80.2329, 79.5036,
81.7565

■ 1.5840, 1.3268,
1.1476

104.2521,
103.8281, 107.2956

■ 0.3820, 0.1618,
0.0000

132.6419,
132.6677, 137.6660

■ 0.0000, 0.0000,
0.0000

165.7679,

166.4068, 173.2864

203.9954,
205.4299, 214.5752

■ 20.5567, 19.6697,
19.5428

■ 20.5567, 19.6697,
19.5428

■ 18.2686, 16.3217,
14.9934

■ 23.2182, 23.5642,
24.8332

■ 16.3357, 13.4934,
11.1509

■ 26.2670, 28.0254,
30.8944

■ 14.7407, 11.1594,
7.9801

■ 29.7183, 33.0756,
37.7559

■ 13.4642, 9.2914,
5.4425

■ 33.5861, 38.7351,
45.4454

■ 12.4848, 7.8582,
3.4956

■ 37.8836, 45.0234,
53.9892

■ 11.7785, 6.8247,
2.0917

■ 42.6234, 51.9589,
63.4124

■ 11.3177, 6.1503,
1.1759

■ 47.8177, 59.5594,
73.7392

■ 11.0534, 5.7635,
0.6505

■ 53.4782, 67.8419,
84.9928

■ 10.9848, 5.6631,
0.5141

■ 59.6160, 76.8230,
97.1956

Harmonies

Analogous

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



20.6588, 19.6697, 22.3384



20.5567, 19.6697, 19.5428



19.9463, 19.6697, 17.4382

Triad

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



20.5567, 19.6697, 19.5428



17.2490, 19.6697, 18.0995



18.3800, 19.6697, 27.3269

Complementary

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



20.5567, 19.6697, 19.5428



21.6685, 24.7541, 28.8354

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.



17.4980, 19.6697, 25.9591



20.5567, 19.6697, 19.5428



16.8606, 19.6697, 20.5212

Square

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



20.5567, 19.6697, 19.5428



18.0291, 19.6697, 16.6580



16.9501, 19.6697, 23.4073



19.3781, 19.6697, 27.0057

Rectangle

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



20.5567, 19.6697, 19.5428



19.3449, 19.6697, 16.6294



16.9501, 19.6697, 23.4073



18.0607, 19.6697, 27.0451

Sweetspot

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



20.5572, 19.6706, 19.5432



42.5700, 43.6485, 46.4407



22.1537, 20.3086, 27.9518



9.4364, 9.6440, 10.2300



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.5572, 19.6706, 19.5432



35.3443, 33.0753, 32.0758



22.0459, 22.6478, 20.0394



5.4089, 5.4242, 5.6513



10.0160, 5.1637, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



21.6685, 24.7541, 28.8354



37.6776, 43.7491, 51.5865



19.9943, 21.4058, 28.2774



5.5602, 6.1162, 6.9163



13.0664, 19.1188, 25.9787



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 20.5567, 19.6697, 19.5428 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 20.5567, 19.6697, 19.5428 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 20.5567, 19.6697, 19.5428

Background



This preview shows how black text looks on a background with the XYZ color 20.5567, 19.6697, 19.5428.



This preview shows how white text looks on a background with the XYZ color 20.5567, 19.6697,

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

20.5567, 19.6697, 19.5428

Protanopia

18.9539, 19.7108, 20.5749

Deuteranopia

20.1242, 19.7964, 19.5900



Tritanopia

21.1024, 19.7222, 22.0966

Trichromacy



Original Color

20.5567, 19.6697, 19.5428

Protanomaly

19.4063, 19.5901, 20.2112

Deuteranomaly

20.1706, 19.6445, 19.5583

Tritanomaly

20.9136, 19.6467, 21.1023

Monochromacy



Original Color

20.5567, 19.6697, 19.5428

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4945, 19.8010, 20.8837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5567, 19.6697, 19.5428 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(141, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 117)  
}
```

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(141, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.5567, 19.6697, 19.5428 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(141, 117, 117) }
```


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

```
.border{ border-color:rgb(141, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5567, 19.6697, 19.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 117) }
```

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

```
.background{ background-color: rgb(141,  
117, 117) }
```

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