

Converting Colors

XYZ(20.6690, 19.7343, 19.2427)

Have a look what the booklet for
XYZ(20.6690, 19.7343, 19.2427)
contains.

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Color

**XYZ(20.6690, 19.7343,
19.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7574
RGB	142, 117, 116
RGB Percent	56%, 46%, 45%
CMY	0.4431, 0.5412, 0.5451
CMYK	0.00, 0.18, 0.18, 0.44
HSL	2°, 10%, 51%
HSV	2°, 18%, 56%
XYZ	20.6690, 19.7343, 19.2427
YIQ	124.3610, 15.2210, 4.9890

Conversions

Conversions Part 2

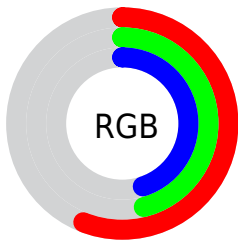
Format	Color
R_{YB}	142, 117, 116
Decimal	9336180
CIE Lab	51.54, 9.57, 4.20
CIE LCh	52, 10.456, 23.710
Yxy	19.7343, 0.3465, 0.3309
Android (android.graphics.Color)	4287526260 (0xFF8E7574)
YUV	124.3610, -4.1220, 15.4694
Hunter-Lab	44.4233, 5.3106, 5.4139

Details

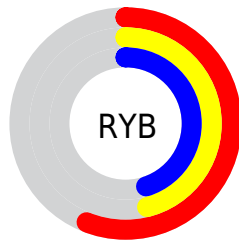
The XYZ color **20.6690, 19.7343, 19.2427** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6096, 24.7152, 29.2229**, and the grayscale version is **19.2889, 20.2934, 22.0995**.

A 20% lighter version of the original color is **44.0208, 42.9388, 43.0137**, and **7.4859, 6.8977, 6.4057** is the 20% darker color. If you saturate the color by 10%, you get **18.4291, 16.4767, 14.7276**, and if you desaturate by 10%, it is **23.2683, 23.5083, 24.5010**.

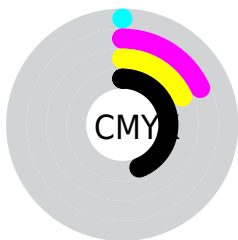
Distribution



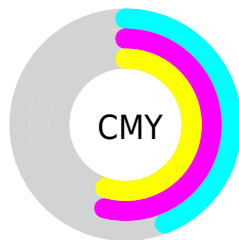
- Red (56%)
- Green (46%)
- Blue (45%)



- Red (56%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6690, 19.7343, 19.2427 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 20.6690, 19.7343, 19.2427 by changing the saturation by 10% instead.

■ 20.6690, 19.7343,
19.2427

■ 20.6690, 19.7343,
19.2427

248.2793,
250.4731, 260.2526

■ 12.9933, 12.2021,
11.6672

■ 44.0314, 42.9713,
42.9860

■ 7.5009, 6.8814,
6.3977

■ 60.4489, 59.4448,
59.9908

■ 3.8264, 3.3881,
3.0157

■ 80.5111, 79.6675,
80.9758

■ 1.6044, 1.3375,
1.1027

■ 104.5833,
104.0238, 106.3595

■ 0.3953, 0.1700,
0.0000

133.0308,
132.8982, 136.5605

■ 0.0000, 0.0000,
0.0000

166.2191,

166.6749, 171.9974

204.5135,
205.7384, 213.0885

■ 20.6690, 19.7343,
19.2427

■ 20.6690, 19.7343,
19.2427

■ 18.4291, 16.4767,
14.7276

■ 23.2683, 23.5083,
24.5010

■ 16.5312, 13.7104,
10.9211

■ 26.2402, 27.8168,
30.5327

■ 14.9590, 11.4125,
7.7876

■ 29.5990, 32.6805,
37.3676

■ 13.6942, 9.5569,
5.2879

■ 33.3580, 38.1183,
45.0337

■ 12.7166, 8.1153,
3.3789

■ 37.5297, 44.1479,
53.5577

■ 12.0038, 7.0560,
2.0119

■ 42.1263, 50.7865,
62.9649

■ 11.5297, 6.3426,
1.1306

■ 47.1591, 58.0505,
73.2799

■ 11.2531, 5.9251,
0.6195

■ 52.6394, 65.9556,
84.5259

■ 11.2149, 5.8697,
0.5419

■ 58.5778, 74.5172,
96.7257

Harmonies

Analogous

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



20.8385, 19.7343, 22.1278



20.6690, 19.7343, 19.2427



19.9788, 19.7343, 17.1511

Triad

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



20.6690, 19.7343, 19.2427



17.1744, 19.7343, 18.2400



18.5363, 19.7343, 27.7699

Complementary

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



20.6690, 19.7343, 19.2427



21.6096, 24.7152, 29.2229

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.



17.5858, 19.7343, 26.4990



20.6690, 19.7343, 19.2427



16.8187, 19.7343, 20.8593

Square

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



20.6690, 19.7343, 19.2427



17.9558, 19.7343, 16.6111



16.9664, 19.7343, 23.9000



19.5814, 19.7343, 27.2350

Rectangle

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



20.6690, 19.7343, 19.2427



19.3295, 19.7343, 16.3962



16.9664, 19.7343, 23.9000



18.1956, 19.7343, 27.5362

Sweetspot

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



20.6695, 19.7352, 19.2431



42.6385, 43.7855, 46.4636



22.2186, 20.1689, 27.9735



9.4534, 9.6780, 10.2357



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.



20.6695, 19.7352, 19.2431



34.7348, 32.3098, 30.4750



22.2728, 22.9418, 19.7775



5.4245, 5.4554, 5.6565



10.0724, 5.2765, 0.4876



0.0990, 0.0558, 0.0055

Inverse Universe

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



21.6096, 24.7152, 29.2229



36.7102, 42.7754, 51.4495



19.8217, 21.1394, 28.6270



5.5427, 6.0812, 6.9104



12.3581, 17.7023, 25.7426



0.1217, 0.1764, 0.2473

Previews

White Background



This preview shows how the XYZ color 20.6690, 19.7343, 19.2427 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 20.6690, 19.7343, 19.2427 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 20.6690, 19.7343, 19.2427

Background



This preview shows how black text looks on a background with the XYZ color 20.6690, 19.7343, 19.2427.



This preview shows how white text looks on a background with the XYZ color 20.6690, 19.7343,

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

20.6690, 19.7343, 19.2427

Protanopia

18.8935, 19.6866, 20.2569

Deuteranopia

20.2304, 19.8579, 19.2897



Tritanopia

21.2748, 19.8111, 22.1047

Trichromacy



Original Color

20.6690, 19.7343, 19.2427

Protanomaly

19.5022, 19.6465, 19.9038

Deuteranomaly

20.2783, 19.7068, 19.2580

Tritanomaly

21.0859, 19.7356, 21.1103

Monochromacy



Original Color

20.6690, 19.7343, 19.2427

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6486, 19.8805, 20.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6690, 19.7343, 19.2427 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(142, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(142, 117, 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(142, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 117, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.6690, 19.7343, 19.2427 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(142, 117, 116) }
```


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

```
.border{ border-color:rgb(142, 117, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 117, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(142, 117,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6690, 19.7343, 19.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 117, 116) }
```

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

```
.background{ background-color: rgb(142,  
117, 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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