

Converting Colors

XYZ(20.3093, 17.0655, 16.4109)

Have a look what the booklet for
XYZ(20.3093, 17.0655, 16.4109)
contains.

XYZ(20.3093, 17.0655, 16.4109)	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(20.3093, 17.0655,
16.4109)**

Conversions

Conversions Part 1

Format	Color
Hex	98656C
RGB	152, 101, 108
RGB Percent	60%, 40%, 42%
CMY	0.4039, 0.6039, 0.5765
CMYK	0.00, 0.34, 0.29, 0.40
HSL	352°, 20%, 50%
HSV	352°, 34%, 60%
XYZ	20.3093, 17.0655, 16.4109
YIQ	117.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

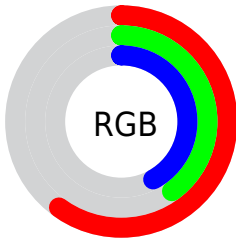
Format	Color
R_{YB}	152, 101, 108
Decimal	9987436
CIE Lab	48.34, 21.58, 4.50
CIE LCh	48, 22.046, 11.777
Yxy	17.0655, 0.3776, 0.3173
Android (android.graphics.Color)	4288177516 (0xFF98656C)
YUV	117.0470, -4.4602, 30.6538
Hunter-Lab	41.3104, 15.4621, 5.3638

Details

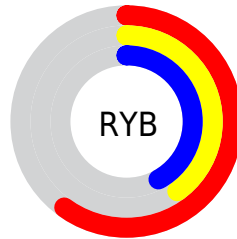
The XYZ color **20.3093, 17.0655, 16.4109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7066, 27.2678, 30.9086**, and the grayscale version is **16.9308, 17.8125, 19.3978**.

A 20% lighter version of the original color is **43.2184, 38.2251, 37.9012**, and **7.2610, 5.5358, 5.1007** is the 20% darker color. If you saturate the color by 10%, you get **18.3214, 14.1239, 12.5599**, and if you desaturate by 10%, it is **22.6761, 20.5966, 20.9066**.

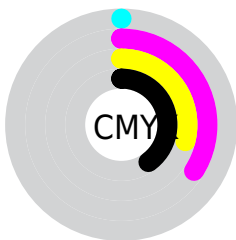
Distribution



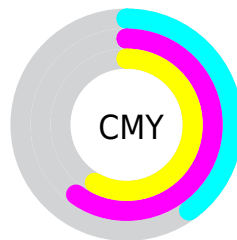
- Red (60%)
- Green (40%)
- Blue (42%)



- Red (60%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (40%)





- Cyan (40%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.3093, 17.0655, 16.4109 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 20.3093, 17.0655, 16.4109 by changing the saturation by 10% instead.


 20.3093, 17.0655,
16.4109


 20.3093, 17.0655,
16.4109


246.3864,
235.5496, 243.6822


 12.7296, 10.2812,
9.6579


 43.4351, 38.4384,
38.0868


 7.3184, 5.5858,
5.0701


 59.7120, 53.7957,
53.8467

 3.7101, 2.5949,
2.2290

 79.6187, 72.7795,
73.4460

 1.5395, 0.9241,
0.6910

 103.5205, 95.7742,
97.3032

 0.3524, 0.0000,
0.0000

131.7829,
123.1642, 125.8369

 0.0000, 0.0000,
0.0000

164.7711,

155.3338, 159.4656

202.8505,
192.6674, 198.6079

■ 20.3093, 17.0655,
16.4109

■ 20.3093, 17.0655,
16.4109

■ 18.3214, 14.1239,
12.5599

■ 22.6761, 20.5966,
20.9066

■ 16.6913, 11.7374,
9.3229

■ 25.4387, 24.7445,
26.0738

■ 15.3979, 9.8718,
6.6684


■ 28.6147, 29.5374,
31.9388


■ 14.4172, 8.4878,
4.5614


■ 32.2201, 35.0013,
38.5264


■ 13.7222, 7.5411,
2.9632


■ 36.2703, 41.1607,
45.8600


 13.2809, 6.9785,
1.8298

 40.7797, 48.0389,
53.9621

 13.0829, 6.7290,
1.3117

 45.7620, 55.6581,
62.8541

 51.2307, 64.0394,
72.5566

 57.1983, 73.2032,
83.0896

Harmonies

Analogous

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



20.1788, 17.0655, 22.2656



20.3093, 17.0655, 16.4109



19.2793, 17.0655, 12.1349

Triad

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



20.3093, 17.0655, 16.4109



13.7772, 17.0655, 11.4838



15.0404, 17.0655, 31.2151

Complementary

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



20.3093, 17.0655, 16.4109



21.7066, 27.2678, 30.9086

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.



13.5032, 17.0655, 26.9823



20.3093, 17.0655, 16.4109



12.8165, 17.0655, 15.3279

Square

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



20.3093, 17.0655, 16.4109



15.4435, 17.0655, 9.7095



12.7206, 17.0655, 20.9354



17.0226, 17.0655, 31.6730

Rectangle

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



20.3093, 17.0655, 16.4109



18.1192, 17.0655, 10.4298



12.7206, 17.0655, 20.9354



14.4589, 17.0655, 30.1514

Sweetspot

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



20.3098, 17.0663, 16.4112



46.7001, 46.3858, 49.3569



21.8845, 17.5361, 31.9370



10.4546, 10.3022, 10.9225



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.3098, 17.0663, 16.4112



33.2471, 26.2689, 23.9427



21.8773, 20.7737, 15.1697



6.2416, 6.2358, 6.6524



10.9770, 5.6450, 1.1380



0.1719, 0.0875, 0.0581

Inverse Universe

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



20.3098, 17.0663, 16.4112



33.2471, 26.2689, 23.9427



19.5808, 22.1260, 32.9444



6.2416, 6.2358, 6.6524



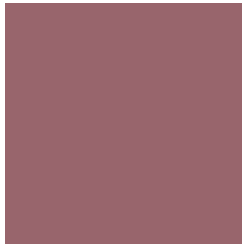
10.9770, 5.6450, 1.1380



0.1719, 0.0875, 0.0581

Previews

White Background



This preview shows how the XYZ color 20.3093, 17.0655, 16.4109 looks on a white background.

Color Contrast Check

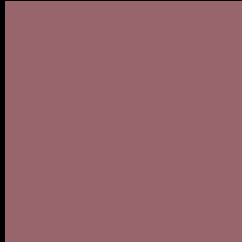
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.3093, 17.0655, 16.4109 looks on a 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 20.3093, 17.0655, 16.4109

Background



This preview shows how black text looks on a background with the XYZ color 20.3093, 17.0655, 16.4109.



This preview shows how white text looks on a background with the XYZ color 20.3093, 17.0655,

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

20.3093, 17.0655, 16.4109

Protanopia

16.6192, 17.3043, 18.9871

Deuteranopia

17.4919, 17.1553, 16.0251



Tritanopia

20.3629, 17.0869, 16.6929

Trichromacy



Original Color

20.3093, 17.0655, 16.4109

Protanomaly

17.7625, 17.0899, 17.9853

Deuteranomaly

18.3928, 16.9802, 16.2180

Tritanomaly

20.3629, 17.0869, 16.6929

Monochromacy



Original Color

20.3093, 17.0655, 16.4109

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.9276, 17.3296, 18.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3093, 17.0655, 16.4109 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(152, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(152, 101, 108)  
}
```

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(152, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 101, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.3093, 17.0655, 16.4109 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(152, 101, 108) }
```


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

```
.border{ border-color:rgb(152, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(152, 101,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3093, 17.0655, 16.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 101, 108) }
```

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

```
.background{ background-color: rgb(152,  
101, 108) }
```

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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