

Converting Colors

XYZ(20.8191, 17.2360, 16.8241)

Have a look what the booklet for
XYZ(20.8191, 17.2360, 16.8241)
contains.

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Color

**XYZ(20.8351, 17.1870,
16.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	9B646D
RGB	155, 100, 109
RGB Percent	61%, 39%, 43%
CMY	0.3922, 0.6078, 0.5725
CMYK	0.00, 0.35, 0.30, 0.39
HSL	350°, 22%, 50%
HSV	350°, 35%, 61%
XYZ	20.8351, 17.1870, 16.6873
YIQ	117.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

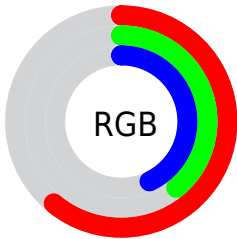
Format	Color
R _Y B	155, 100, 109
Decimal	10183789
CIE Lab	48.49, 23.48, 4.17
CIE LCh	48, 23.850, 10.064
Yxy	17.1870, 0.3808, 0.3142
Android (android.graphics.Color)	4288373869 (0xFF9B646D)
YUV	117.4710, -4.1762, 32.9129
Hunter-Lab	41.4572, 17.1584, 5.1547

Details

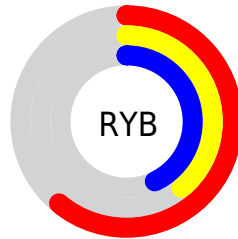
The XYZ color **20.8351, 17.1870, 16.6873** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1660, 28.2279, 31.4758**, and the grayscale version is **17.0612, 17.9497, 19.5473**.

A 20% lighter version of the original color is **44.2757, 38.5202, 38.3593**, and **7.5770, 5.6286, 5.2445** is the 20% darker color. If you saturate the color by 10%, you get **18.8402, 14.2329, 12.8294**, and if you desaturate by 10%, it is **23.2167, 20.7496, 21.1824**.

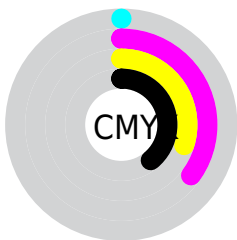
Distribution



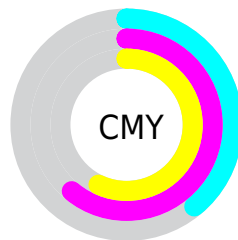
- Red (61%)
- Green (39%)
- Blue (43%)



- Red (61%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8351, 17.1870, 16.6873 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 20.8351, 17.1870, 16.6873 by changing the saturation by 10% instead.

■ 20.8351, 17.1870,
16.6873

■ 20.8351, 17.1870,
16.6873

249.1492,
236.2477, 245.3465

■ 13.1153, 10.3679,
9.8522

■ 44.3063, 38.6470,
38.5706

■ 7.5855, 5.6436,
5.1968

■ 60.7884, 54.0567,
54.4559

■ 3.8805, 2.6296,
2.3024

■ 80.9219, 73.0988,
74.1950

■ 1.6347, 0.9416,
0.7326

■ 105.0723, 96.1575,
98.2064

■ 0.4149, 0.0000,
0.0000

133.6049,
123.6174, 126.9088

■ 0.0000, 0.0000,
0.0000

166.8850,

155.8628, 160.7205

205.2779,
193.2781, 200.0603

■ 20.8351, 17.1870,
16.6873

■ 20.8351, 17.1870,
16.6873

■ 18.8402, 14.2329,
12.8294

■ 23.2167, 20.7496,
21.1824

■ 17.2101, 11.8510,
9.5786

■ 26.0027, 24.9495,
26.3409

■ 15.9228, 10.0045,
6.9040


■ 29.2113, 29.8169,
32.1886


■ 14.9530, 8.6519,
4.7715


■ 32.8592, 35.3789,
38.7497


■ 14.2723, 7.7451,
3.1433


■ 36.9623, 41.6615,
46.0472


 13.8439, 7.2207,
1.9753

 41.5354, 48.6891,
54.1030

 13.6970, 7.0404,
1.5770

 46.5930, 56.4851,
62.9384

 52.1486, 65.0719,
72.5734

 58.2156, 74.4707,
83.0276

Harmonies

Analogous

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



20.6157, 17.1870, 23.1270



20.8351, 17.1870, 16.6873



19.7694, 17.1870, 11.9840

Triad

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



20.8351, 17.1870, 16.6873



13.7762, 17.1870, 10.9281



14.9437, 17.1870, 32.4694

Complementary

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



20.8351, 17.1870, 16.6873



22.1660, 28.2279, 31.4758

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.



13.3246, 17.1870, 27.5834



20.8351, 17.1870, 16.6873



12.6934, 17.1870, 14.9010

Square

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



20.8351, 17.1870, 16.6873



15.6119, 17.1870, 9.1852



12.5358, 17.1870, 20.8979



17.0816, 17.1870, 33.2499

Rectangle

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



20.8351, 17.1870, 16.6873



18.5250, 17.1870, 10.0981



12.5358, 17.1870, 20.8979



14.3261, 17.1870, 31.2084

Sweetspot

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



20.8356, 17.1878, 16.6876



48.9254, 48.2521, 51.4887



22.2986, 17.5775, 33.2281



10.9147, 10.6801, 11.3632



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.8356, 17.1878, 16.6876



34.2818, 26.2868, 24.0350



22.3362, 20.9249, 14.9192



6.2480, 6.2384, 6.6860



11.0115, 5.6588, 1.3196



0.1737, 0.0882, 0.0678

Inverse Universe

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



20.8356, 17.1878, 16.6876



34.2818, 26.2868, 24.0350



20.0710, 22.8733, 34.3677



6.2480, 6.2384, 6.6860



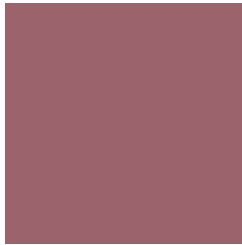
11.0115, 5.6588, 1.3196



0.1737, 0.0882, 0.0678

Previews

White Background



This preview shows how the XYZ color 20.8351, 17.1870, 16.6873 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 20.8351, 17.1870, 16.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

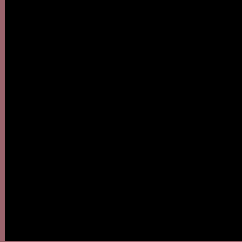
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8351, 17.1870, 16.6873

Background



This preview shows how black text looks on a background with the XYZ color 20.8351, 17.1870, 16.6873.



This preview shows how white text looks on a background with the XYZ color 20.8351, 17.1870,

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

20.8351, 17.1870, 16.6873

Protanopia

16.6777, 17.3277, 19.2952

Deuteranopia

17.6539, 17.3957, 16.3372



Tritanopia

20.7815, 17.1656, 16.4053

Trichromacy



Original Color

20.8351, 17.1870, 16.6873

Protanomaly

17.9733, 17.1921, 18.2907

Deuteranomaly

18.7168, 17.2968, 16.5395

Tritanomaly

20.7815, 17.1656, 16.4053

Monochromacy



Original Color

20.8351, 17.1870, 16.6873

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0818, 17.4091, 18.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8351, 17.1870, 16.6873 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(155, 100, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 109)  
}
```

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(155, 100, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.8351, 17.1870, 16.6873 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(155, 100, 109) }
```


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

```
.border{ border-color:rgb(155, 100, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 100, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 100, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 100,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8351, 17.1870, 16.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 109) }
```

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

```
.background{ background-color: rgb(155,  
100, 109) }
```

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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