

Converting Colors

XYZ(20.5397, 17.9858, 32.1001)

Have a look what the booklet for
XYZ(20.5397, 17.9858, 32.1001)
contains.

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Color

**XYZ(20.6519, 18.1098,
32.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	846D98
RGB	132, 109, 152
RGB Percent	52%, 43%, 60%
CMY	0.4823, 0.5725, 0.4039
CMYK	0.13, 0.28, 0.00, 0.40
HSL	272°, 17%, 51%
HSV	272°, 28%, 60%
XYZ	20.6519, 18.1098, 32.1128
YIQ	120.7790, -0.0950, 18.2490

Conversions

Conversions Part 2

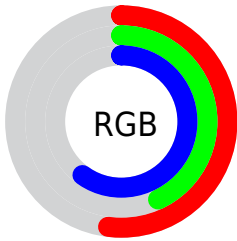
Format	Color
R_{YB}	132, 109, 152
Decimal	8678808
CIE _{Lab}	49.63, 17.71, -19.97
CIE _{LCh}	50, 26.694, 311.558
Yxy	18.1098, 0.2914, 0.2555
Android (android.graphics.Color)	4286868888 (0xFF846D98)
YUV	120.7790, 15.3920, 9.8408
Hunter-Lab	42.5556, 12.1523, -14.9518

Details

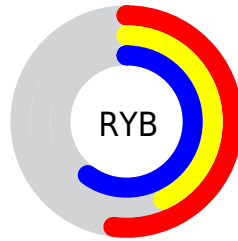
The XYZ color **20.6519, 18.1098, 32.1128** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0423, 28.2281, 18.7029**, and the grayscale version is **18.0551, 18.9954, 20.6860**.

A 20% lighter version of the original color is **44.1351, 40.3851, 63.8614**, and **7.4974, 6.0709, 13.0886** is the 20% darker color. If you saturate the color by 10%, you get **18.1003, 14.5922, 31.5686**, and if you desaturate by 10%, it is **23.5600, 22.2283, 32.7548**.

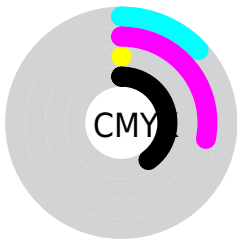
Distribution



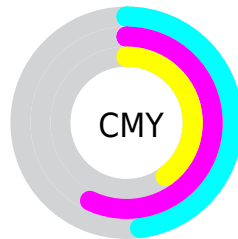
- Red (52%)
- Green (43%)
- Blue (60%)



- Red (52%)
- Yellow (43%)
- Blue (60%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6519, 18.1098, 32.1128 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 20.6519, 18.1098, 32.1128 by changing the saturation by 10% instead.

■ 20.6519, 18.1098,
32.1128

■ 20.6519, 18.1098,
32.1128

248.1896,
241.4892, 326.1413

■ 12.9808, 11.0288,
21.1821

■ 44.0031, 40.2243,
64.0878

■ 7.4922, 6.0862,
13.0647

■ 60.4140, 56.0267,
85.9693

■ 3.8208, 2.8976,
7.3418

■ 80.4688, 75.5050,
112.3381

■ 1.6013, 1.0785,
3.5951

■ 104.5329, 99.0436,
143.6128

■ 0.3933, 0.0000,
1.4060

132.9717,
127.0270, 180.2119

■ 0.0000, 0.0000,
0.1464

166.1505,

■ 0.0000, 0.0000,

159.8394, 222.5540

0.0000

204.4347,
197.8654, 271.0577

■ 20.6519, 18.1098,
32.1128

■ 20.6519, 18.1098,
32.1128

■ 18.1003, 14.5922,
31.5686

■ 23.5600, 22.2283,
32.7548

■ 15.8875, 11.6438,
31.1161

■ 26.8378, 26.9731,
33.4978

■ 13.9969, 9.2329,
30.7504

■ 30.4996, 32.3706,
34.3467

■ 12.4096, 7.3240,
30.4656

■ 34.5587, 38.4452,
35.3052

■ 11.1044, 5.8773,
30.2552

■ 39.0276, 45.2199,
36.3774

■ 10.0567, 4.8461,
30.1114

■ 43.9182, 52.7167,
37.5666

■ 9.2203, 4.1405,
30.0192

■ 49.2418, 60.9565,
38.8765

■ 9.0870, 4.0298,
30.0049

■ 55.0096, 69.9595,
40.3102

■ 61.2321, 79.7450,
41.8711

Harmonies

Analogous

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



18.2077, 18.1098, 36.7942



20.6519, 18.1098, 32.1128



22.2615, 18.1098, 24.4708

Triad

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



20.6519, 18.1098, 32.1128



18.8008, 18.1098, 9.2216



12.8666, 18.1098, 22.6489

Complementary

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



20.6519, 18.1098, 32.1128



23.0423, 28.2281, 18.7029

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.



12.9917, 18.1098, 15.6251



20.6519, 18.1098, 32.1128



16.2548, 18.1098, 8.9628

Square

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



20.6519, 18.1098, 32.1128



21.1226, 18.1098, 11.8341



14.1784, 18.1098, 11.0109



13.8180, 18.1098, 30.5005

Rectangle

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



20.6519, 18.1098, 32.1128



22.5577, 18.1098, 19.3414



14.1784, 18.1098, 11.0109



12.7869, 18.1098, 20.1004

Sweetspot

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



20.6525, 18.1106, 32.1132



47.4521, 47.7283, 59.1452



19.8338, 21.2369, 32.7598



10.5894, 10.5621, 13.3981



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.



20.6525, 18.1106, 32.1132



33.5115, 27.8897, 56.0507



23.9688, 19.8336, 31.6592



6.1841, 6.1808, 7.7960



7.6552, 3.3974, 25.1600



0.1564, 0.0724, 0.3781

Inverse Universe

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



22.3805, 19.1983, 23.2954



37.1859, 30.2000, 37.4218



20.3736, 26.8434, 18.9841



6.3223, 6.2681, 7.0776



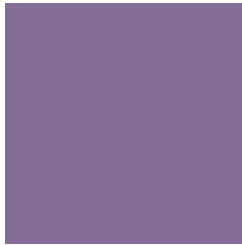
11.8183, 5.9815, 5.5679



0.1948, 0.0967, 0.1787

Previews

White Background



This preview shows how the XYZ color 20.6519, 18.1098, 32.1128 looks on a white background.

Color Contrast Check

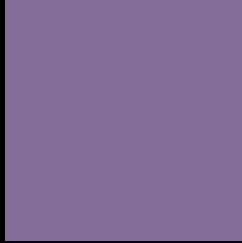
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6519, 18.1098, 32.1128 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 20.6519, 18.1098, 32.1128

Background



This preview shows how black text looks on a background with the XYZ color 20.6519, 18.1098, 32.1128.



This preview shows how white text looks on a background with the XYZ color 20.6519, 18.1098,

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

20.6519, 18.1098, 32.1128

Protanopia

18.5962, 18.3170, 34.9032

Deuteranopia

18.6414, 18.2359, 31.8155



Tritanopia

18.3449, 17.9767, 21.2419

Trichromacy



Original Color

20.6519, 18.1098, 32.1128

Protanomaly

19.2205, 18.1479, 33.9424

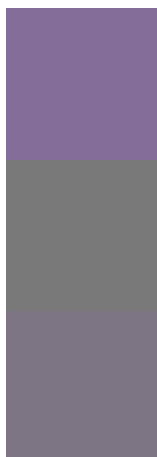
Deuteranomaly

19.2368, 18.0377, 31.7459

Tritanomaly

19.1505, 17.9767, 25.0148

Monochromacy



Original Color

20.6519, 18.1098, 32.1128

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9836, 18.7485, 24.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6519, 18.1098, 32.1128 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(132, 109, 152)` looks like.

```
.text, #text, p{  
    color:rgb(132, 109, 152)  
}
```

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(132, 109, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 109, 152) }
```

Border

The CSS property to change the border of an element to XYZ 20.6519, 18.1098, 32.1128 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(132, 109, 152) }
```


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

```
.border{ border-color:rgb(132, 109, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 109, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 109, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 109, 152);  
box-shadow:4px 4px 4px 4px rgb(132, 109,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6519, 18.1098, 32.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 109, 152) }
```

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

```
.background{ background-color: rgb(132,  
109, 152) }
```

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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