

Converting Colors

XYZ(20.5201, 19.8250, 34.0857)

Have a look what the booklet for
XYZ(20.5201, 19.8250, 34.0857)
contains.

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Color

**XYZ(20.6024, 19.8982,
34.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	79789C
RGB	121, 120, 156
RGB Percent	47%, 47%, 61%
CMY	0.5255, 0.5294, 0.3882
CMYK	0.22, 0.23, 0.00, 0.39
HSL	242°, 15%, 54%
HSV	242°, 23%, 61%
XYZ	20.6024, 19.8982, 34.2074
YIQ	124.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

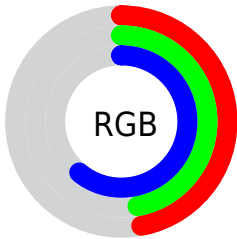
Format	Color
R_{YB}	121, 120, 156
Decimal	7960732
CIE _{Lab}	51.72, 8.45, -19.20
CIE _{LCh}	52, 20.976, 293.746
Yxy	19.8982, 0.2758, 0.2663
Android (android.graphics.Color)	4286150812 (0xFF79789C)
YUV	124.4030, 15.5773, -2.9844
Hunter-Lab	44.6074, 4.3792, -14.2416

Details

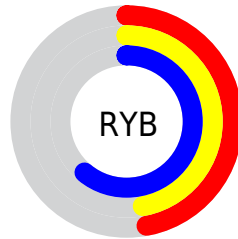
The XYZ color **20.6024, 19.8982, 34.2074** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.7968, 32.1021, 22.4487**, and the grayscale version is **19.2454, 20.2477, 22.0497**.

A 20% lighter version of the original color is **43.9660, 43.2069, 67.6505**, and **7.5397, 7.0324, 14.3246** is the 20% darker color. If you saturate the color by 10%, you get **16.9160, 15.4363, 33.5408**, and if you desaturate by 10%, it is **24.9299, 25.1454, 34.9924**.

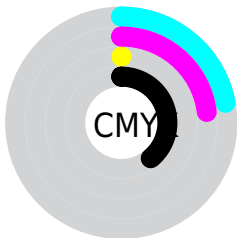
Distribution



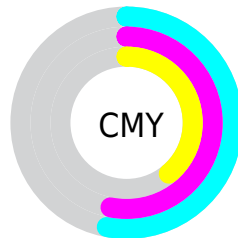
- Red (47%)
- Green (47%)
- Blue (61%)



- Red (47%)
- Yellow (47%)
- Blue (61%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6024, 19.8982, 34.2074 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 20.6024, 19.8982, 34.2074 by changing the saturation by 10% instead.

■ 20.6024, 19.8982,
34.2074

■ 20.6024, 19.8982,
34.2074

247.9298,
251.3635, 335.8532

■ 12.9445, 12.3211,
22.7743

■ 43.9212, 43.2464,
67.3936

■ 7.4671, 6.9627,
14.2232

■ 60.3127, 59.7863,
89.9839

■ 3.8048, 3.4388,
8.1356

■ 80.3462, 80.0826,
117.1303

■ 1.5923, 1.3649,
4.0928

104.3869,
104.5197, 149.2513

■ 0.3874, 0.1906,
1.6764

132.8003,
133.4819, 186.7656

■ 0.0000, 0.0000,
0.3445

165.9516,

■ 0.0000, 0.0000,

167.3537, 230.0917

0.0000

204.2064,
206.5194, 279.6480

■ 20.6024, 19.8982,
34.2074

■ 20.6024, 19.8982,
34.2074

■ 16.9160, 15.4363,
33.5408

■ 24.9299, 25.1454,
34.9924

■ 13.8385, 11.7196,
32.9856

■ 29.9251, 31.2104,
35.8998

■ 11.3377, 8.7082,
32.5361

■ 35.6150, 38.1271,
36.9350

■ 9.3776, 6.3576,
32.1857

■ 42.0250, 45.9265,
38.1026

■ 7.9184, 4.6181,
31.9269

■ 49.1790, 54.6383,
39.4071

■ 6.9146, 3.4331,
31.7511

■ 57.0997, 64.2905,
40.8527

■ 6.3125, 2.7353,
31.6481

■ 65.8091, 74.9103,
42.4435

■ 6.0550, 2.4283,
31.6024

■ 75.3280, 86.5234,
44.1833

■ 83.0008, 95.1803,
45.4499

Harmonies

Analogous

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



18.4720, 19.8982, 35.4688



20.6024, 19.8982, 34.2074



22.3946, 19.8982, 29.3302

Triad

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



20.6024, 19.8982, 34.2074



21.4276, 19.8982, 13.5480



15.1424, 19.8982, 20.4186

Complementary

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



20.6024, 19.8982, 34.2074



28.7968, 32.1021, 22.4487

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.



15.8117, 19.8982, 15.4684



20.6024, 19.8982, 34.2074



19.3602, 19.8982, 12.0082

Square

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



20.6024, 19.8982, 34.2074



22.8954, 19.8982, 17.2957



17.3179, 19.8982, 12.6390



15.4208, 19.8982, 26.7161

Rectangle

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



20.6024, 19.8982, 34.2074



23.1030, 19.8982, 25.1009



17.3179, 19.8982, 12.6390



15.2623, 19.8982, 18.5592

Sweetspot

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



20.6030, 19.8990, 34.2079



50.5162, 52.0275, 64.5066



25.5351, 29.9699, 35.8918



11.0097, 11.3195, 14.1750



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.



20.6030, 19.8990, 34.2079



33.6113, 31.5292, 61.4410



23.2987, 21.2887, 34.3340



6.3009, 6.4436, 8.3183



4.9924, 2.0027, 26.0307



0.0937, 0.0381, 0.4656

Inverse Universe

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



26.3438, 22.8682, 34.0366



46.0267, 37.9514, 61.0343



25.6615, 30.4857, 22.3020



6.8962, 6.7514, 8.3045



15.9413, 7.6811, 25.0058



0.2873, 0.1382, 0.4588

Previews

White Background



This preview shows how the XYZ color 20.6024, 19.8982, 34.2074 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 20.6024, 19.8982, 34.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

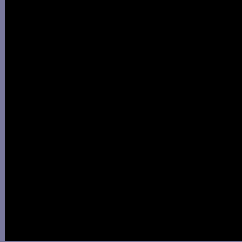
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6024, 19.8982, 34.2074

Background



This preview shows how black text looks on a background with the XYZ color 20.6024, 19.8982, 34.2074.



This preview shows how white text looks on a background with the XYZ color 20.6024, 19.8982,

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

20.6024, 19.8982, 34.2074

Protanopia

19.9848, 19.9308, 34.6920

Deuteranopia

20.3093, 19.9266, 34.2283



Tritanopia

18.8468, 19.9184, 25.4056

Trichromacy



Original Color

20.6024, 19.8982, 34.2074

Protanomaly

20.2593, 19.8910, 34.6699

Deuteranomaly

20.4459, 19.9970, 34.2347

Tritanomaly

19.4367, 19.9705, 28.4214

Monochromacy



Original Color

20.6024, 19.8982, 34.2074

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6953, 20.1544, 26.1447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6024, 19.8982, 34.2074 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(121, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 120, 156)  
}
```

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(121, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 20.6024, 19.8982, 34.2074 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(121, 120, 156) }
```


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

```
.border{ border-color:rgb(121, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(121, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6024, 19.8982, 34.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 120, 156) }
```

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

```
.background{ background-color: rgb(121,  
120, 156) }
```

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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