

Converting Colors

XYZ(21.3304, 17.5226, 32.8298)

Have a look what the booklet for
XYZ(21.3304, 17.5226, 32.8298)
contains.

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Color

**XYZ(21.3304, 17.5226,
32.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	8B679A
RGB	139, 103, 154
RGB Percent	55%, 40%, 60%
CMY	0.4549, 0.5961, 0.3961
CMYK	0.10, 0.33, 0.00, 0.40
HSL	282°, 20%, 50%
HSV	282°, 33%, 60%
XYZ	21.3304, 17.5226, 32.8298
YIQ	119.5780, 5.0850, 23.4930

Conversions

Conversions Part 2

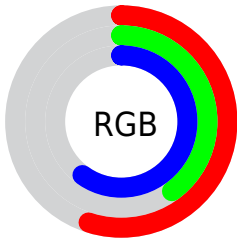
Format	Color
R _Y B	139, 103, 154
Decimal	9136026
CIE Lab	48.91, 24.06, -22.19
CIE LCh	49, 32.730, 317.305
Yxy	17.5226, 0.2976, 0.2444
Android (android.graphics.Color)	4287326106 (0xFF8B679A)
YUV	119.5780, 16.9700, 17.0331
Hunter-Lab	41.8600, 17.7024, -17.1977

Details

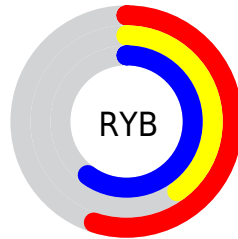
The XYZ color **21.3304, 17.5226, 32.8298** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.4757, 27.9425, 17.0944**, and the grayscale version is **17.6651, 18.5850, 20.2391**.

A 20% lighter version of the original color is **45.2223, 39.3836, 65.5399**, and **7.8389, 5.7864, 13.5357** is the 20% darker color. If you saturate the color by 10%, you get **19.1968, 14.3548, 32.3311**, and if you desaturate by 10%, it is **23.7786, 21.2723, 33.4248**.

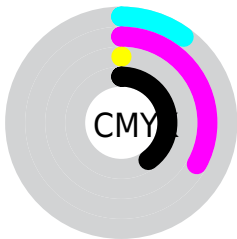
Distribution



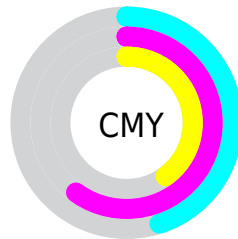
- Red (55%)
- Green (40%)
- Blue (60%)



- Red (55%)
- Yellow (40%)
- Blue (60%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3304, 17.5226, 32.8298 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 21.3304, 17.5226, 32.8298 by changing the saturation by 10% instead.

■ 21.3304, 17.5226,
32.8298

■ 21.3304, 17.5226,
32.8298

251.7278,
238.1662, 329.4906

■ 13.4796, 10.6078,
21.7260

■ 45.1239, 39.2221,
65.2227

■ 7.8389, 5.8038,
13.4594

■ 61.7973, 54.7757,
87.3488

■ 4.0429, 2.7261,
7.6112

■ 82.1422, 73.9776,
113.9863

■ 1.7265, 0.9905,
3.7630

■ 106.5241, 97.2122,
145.5534

■ 0.4727, 0.0000,
1.4962

135.3082,
124.8640, 182.4689

■ 0.0000, 0.0000,
0.2151

168.8600,

■ 0.0000, 0.0000,

157.3173, 225.1512

0.0000

207.5447,
194.9566, 274.0189

■ 21.3304, 17.5226,
32.8298

■ 21.3304, 17.5226,
32.8298

■ 19.1968, 14.3548,
32.3311

■ 23.7786, 21.2723,
33.4248

■ 17.3603, 11.7354,
31.9223

■ 26.5544, 25.6306,
34.1197

■ 15.8039, 9.6310,
31.5981

■ 29.6720, 30.6250,
34.9194

■ 14.5084, 8.0035,
31.3523

■ 33.1445, 36.2807,
35.8281

■ 13.4517, 6.8093,
31.1774

■ 36.9839, 42.6218,
36.8497

■ 12.6076, 5.9966,
31.0651

■ 41.2018, 49.6709,
37.9880

■ 12.1032, 5.5656,
31.0085

■ 45.8094, 57.4495,
39.2465

■ 50.8173, 65.9783,
40.6288

■ 56.2355, 75.2773,
42.1382

Harmonies

Analogous

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



18.4545, 17.5226, 39.9382



21.3304, 17.5226, 32.8298



23.0321, 17.5226, 22.9994

Triad

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



21.3304, 17.5226, 32.8298



17.9725, 17.5226, 6.9651



11.6745, 17.5226, 24.5039

Complementary

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



21.3304, 17.5226, 32.8298



21.4757, 27.9425, 17.0944

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.



11.5787, 17.5226, 15.6318



21.3304, 17.5226, 32.8298



14.9759, 17.5226, 7.1446

Square

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



21.3304, 17.5226, 32.8298



20.9408, 17.5226, 9.2313



12.7177, 17.5226, 9.8305



12.9974, 17.5226, 34.2158

Rectangle

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



21.3304, 17.5226, 32.8298



23.1508, 17.5226, 17.0290



12.7177, 17.5226, 9.8305



11.5040, 17.5226, 21.2875

Sweetspot

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



21.3310, 17.5233, 32.8302



49.8231, 49.0823, 62.3842



17.9408, 18.2451, 33.1482



11.1145, 10.8502, 14.0789



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.



21.3310, 17.5233, 32.8302



35.7198, 27.3167, 58.9263



23.1960, 18.5788, 28.6695



6.2842, 6.2324, 7.8007



9.8975, 4.5534, 25.2649



0.1837, 0.0865, 0.3794

Inverse Universe

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



21.4473, 17.8794, 19.4612



36.1079, 28.1543, 30.1462



20.1417, 27.1920, 19.8697



6.2798, 6.2511, 6.8537



11.2620, 5.7591, 2.6390



0.1829, 0.0919, 0.1158

Previews

White Background



This preview shows how the XYZ color 21.3304, 17.5226, 32.8298 looks on a white background.

Color Contrast Check

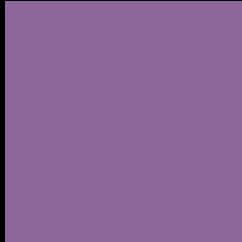
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3304, 17.5226, 32.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

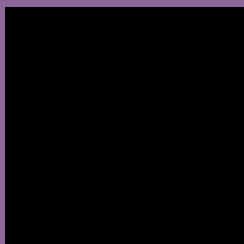
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3304, 17.5226, 32.8298

Background



This preview shows how black text looks on a background with the XYZ color 21.3304, 17.5226, 32.8298.



This preview shows how white text looks on a background with the XYZ color 21.3304, 17.5226,

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

21.3304, 17.5226, 32.8298

Protanopia

18.2211, 17.7306, 37.1123

Deuteranopia

17.9915, 17.5528, 32.1455



Tritanopia

18.7372, 17.5521, 19.8531

Trichromacy



Original Color

21.3304, 17.5226, 32.8298

Protanomaly

19.0998, 17.5518, 35.6389

Deuteranomaly

19.0714, 17.4448, 32.4990

Tritanomaly

19.5759, 17.4156, 24.1596

Monochromacy



Original Color

21.3304, 17.5226, 32.8298

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9346, 18.2126, 24.3472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3304, 17.5226, 32.8298 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(139, 103, 154)` looks like.

```
.text, #text, p{  
    color:rgb(139, 103, 154)  
}
```

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(139, 103, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 103, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.3304, 17.5226, 32.8298 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(139, 103, 154) }
```


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

```
.border{ border-color:rgb(139, 103, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 103, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 103, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 103, 154);  
box-shadow:4px 4px 4px 4px rgb(139, 103,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3304, 17.5226, 32.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 103, 154) }
```

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

```
.background{ background-color: rgb(139,  
103, 154) }
```

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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