

Converting Colors

XYZ(21.3393, 17.4336, 32.2561)

Have a look what the booklet for
XYZ(21.3393, 17.4336, 32.2561)
contains.

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Color

**XYZ(21.3164, 17.3781,
32.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6699
RGB	140, 102, 153
RGB Percent	55%, 40%, 60%
CMY	0.4510, 0.6000, 0.4000
CMYK	0.08, 0.33, 0.00, 0.40
HSL	285°, 20%, 50%
HSV	285°, 33%, 60%
XYZ	21.3164, 17.3781, 32.3678
YIQ	119.1760, 6.2770, 23.9170

Conversions

Conversions Part 2

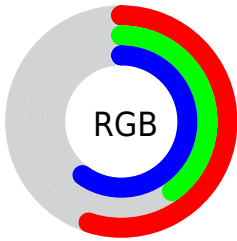
Format	Color
R_{YB}	140, 102, 153
Decimal	9201305
CIE _{Lab}	48.73, 24.76, -21.87
CIE _{LCh}	49, 33.037, 318.546
Yxy	17.3781, 0.3000, 0.2445
Android (android.graphics.Color)	4287391385 (0xFF8C6699)
YUV	119.1760, 16.6752, 18.2626
Hunter-Lab	41.6870, 18.3225, -16.8546

Details

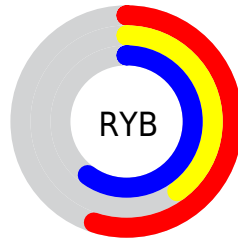
The XYZ color **21.3164, 17.3781, 32.3678** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8602, 27.3870, 16.7579**, and the grayscale version is **17.5382, 18.4516, 20.0938**.

A 20% lighter version of the original color is **45.0662, 39.0855, 64.2005**, and **7.8373, 5.7215, 13.2617** is the 20% darker color. If you saturate the color by 10%, you get **19.3039, 14.3111, 31.8821**, and if you desaturate by 10%, it is **23.6309, 21.0137, 32.9478**.

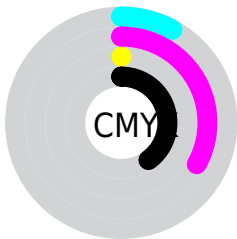
Distribution



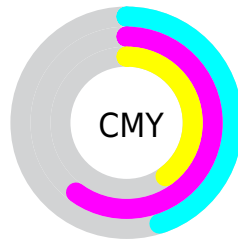
- Red (55%)
- Green (40%)
- Blue (60%)



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



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3164, 17.3781, 32.3678 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 21.3164, 17.3781, 32.3678 by changing the saturation by 10% instead.

■ 21.3164, 17.3781,
32.3678

■ 21.3164, 17.3781,
32.3678

251.6552,
237.3419, 327.3355

■ 13.4693, 10.5044,
21.3754

■ 45.1008, 38.9747,
64.4918

■ 7.8317, 5.7347,
13.2048

■ 61.7688, 54.4665,
86.4606

■ 4.0383, 2.6844,
7.4373

■ 82.1078, 73.5997,
112.9252

■ 1.7238, 0.9693,
3.6545

■ 106.4832, 96.7588,
144.3043

■ 0.4711, 0.0000,
1.4378

135.2603,
124.3282, 181.0163

■ 0.0000, 0.0000,
0.1709

168.8044,

■ 0.0000, 0.0000,

156.6923, 223.4798

0.0000

207.4809,
194.2354, 272.1134

■ 21.3164, 17.3781,
32.3678

■ 21.3164, 17.3781,
32.3678

■ 19.3039, 14.3111,
31.8821

■ 23.6309, 21.0137,
32.9478

■ 17.5761, 11.7796,
31.4846

■ 26.2600, 25.2439,
33.6258

■ 16.1166, 9.7509,
31.1699

■ 29.2176, 30.0960,
34.4064

■ 14.9064, 8.1873,
30.9319

■ 32.5164, 35.5947,
35.2939

■ 13.9239, 7.0459,
30.7634

■ 36.1682, 41.7636,
36.2922

■ 13.1433, 6.2758,
30.6559

■ 40.1844, 48.6249,
37.4049

■ 12.6895, 5.8774,
30.6029

■ 44.5756, 56.1999,
38.6355

■ 49.3524, 64.5088,
39.9876

■ 54.5245, 73.5713,
41.4642

Harmonies

Analogous

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



18.4546, 17.3781, 39.7408



21.3164, 17.3781, 32.3678



22.9607, 17.3781, 22.4585

Triad

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



21.3164, 17.3781, 32.3678



17.7101, 17.3781, 6.7692



11.5560, 17.3781, 24.7851

Complementary

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



21.3164, 17.3781, 32.3678



20.8602, 27.3870, 16.7579

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.



11.4086, 17.3781, 15.7773



21.3164, 17.3781, 32.3678



14.7207, 17.3781, 7.0439

Square

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



21.3164, 17.3781, 32.3678



20.7139, 17.3781, 8.9156



12.4988, 17.3781, 9.8354



12.9298, 17.3781, 34.5158

Rectangle

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



21.3164, 17.3781, 32.3678



23.0251, 17.3781, 16.5331



12.4988, 17.3781, 9.8354



11.3683, 17.3781, 21.5302

Sweetspot

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



21.3170, 17.3788, 32.3682



48.6239, 47.8100, 60.6375



17.4293, 17.5242, 32.6011



10.5908, 10.3187, 13.3510



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.



21.3170, 17.3788, 32.3682



35.4374, 26.9322, 57.3026



22.7039, 18.2018, 27.5555



6.3074, 6.2444, 7.8018



10.5194, 4.8740, 25.2940



0.1900, 0.0897, 0.3797

Inverse Universe

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



20.9833, 17.5135, 18.4948



34.8696, 27.2854, 28.0928



19.9029, 26.8203, 20.0183



6.2702, 6.2472, 6.8030



11.1720, 5.7230, 2.1649



0.1801, 0.0908, 0.1014

Previews

White Background



This preview shows how the XYZ color 21.3164, 17.3781, 32.3678 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 21.3164, 17.3781, 32.3678 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 21.3164, 17.3781, 32.3678

Background



This preview shows how black text looks on a background with the XYZ color 21.3164, 17.3781, 32.3678.



This preview shows how white text looks on a background with the XYZ color 21.3164, 17.3781,

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

21.3164, 17.3781, 32.3678

Protanopia

17.9057, 17.4100, 36.5991

Deuteranopia

17.9099, 17.5202, 31.7159



Tritanopia

18.7303, 17.3962, 19.5101

Trichromacy



Original Color

21.3164, 17.3781, 32.3678

Protanomaly

18.9042, 17.2999, 35.1437

Deuteranomaly

18.9892, 17.4119, 32.0658

Tritanomaly

19.5673, 17.2651, 23.7739

Monochromacy



Original Color

21.3164, 17.3781, 32.3678

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.7543, 17.9610, 23.9511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3164, 17.3781, 32.3678 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(140, 102, 153)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 153)  
}
```

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(140, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 153) }
```

Border

The CSS property to change the border of an element to XYZ 21.3164, 17.3781, 32.3678 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(140, 102, 153) }
```


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

```
.border{ border-color:rgb(140, 102, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3164, 17.3781, 32.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 153) }
```

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

```
.background{ background-color: rgb(140,  
102, 153) }
```

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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