

Converting Colors

XYZ(20.3195, 13.9609, 17.5418)

Have a look what the booklet for
XYZ(20.3195, 13.9609, 17.5418)
contains.

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Color

**XYZ(20.3196, 13.9609,
17.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	A14C72
RGB	161, 76, 114
RGB Percent	63%, 30%, 45%
CMY	0.3686, 0.7019, 0.5529
CMYK	0.00, 0.53, 0.29, 0.37
HSL	333°, 36%, 46%
HSV	333°, 53%, 63%
XYZ	20.3196, 13.9609, 17.5433
YIQ	105.7470, 38.4620, 29.8380

Conversions

Conversions Part 2

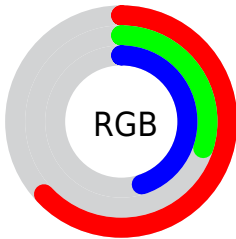
Format	Color
RYB	161, 76, 114
Decimal	10570866
CIELab	44.18, 39.59, -5.08
CIELCh	44, 39.912, 352.693
Yxy	13.9609, 0.3921, 0.2694
Android (android.graphics.Color)	4288760946 (0xFFA14C72)
YUV	105.7470, 4.0687, 48.4569
Hunter-Lab	37.3643, 31.6851, -1.6829

Details

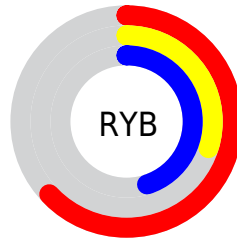
The XYZ color **20.3196, 13.9609, 17.5433** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **19.3012, 28.4566, 23.2159**, and the grayscale version is **13.6128, 14.3217, 15.5964**.

A 20% lighter version of the original color is **43.5155, 33.0969, 40.1712**, and **7.2539, 4.1108, 5.5654** is the 20% darker color. If you saturate the color by 10%, you get **18.8636, 11.8208, 14.6783**, and if you desaturate by 10%, it is **22.1033, 16.6773, 20.7612**.

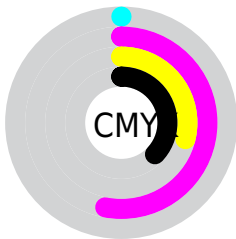
Distribution



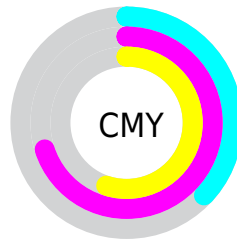
- Red (63%)
- Green (30%)
- Blue (45%)



- Red (63%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (53%)
- Yellow (29%)
- Black (37%)



- Cyan (37%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3196, 13.9609, 17.5433 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 20.3196, 13.9609, 17.5433 by changing the saturation by 10% instead.

■ 20.3196, 13.9609,
17.5433

■ 20.3196, 13.9609,
17.5433

246.4408,
216.9875, 250.4332

■ 12.7372, 8.0935,
10.4566

■ 43.4522, 33.0196,
40.0609

■ 7.3236, 4.1548,
5.5932

■ 59.7332, 46.9797,
56.3289

■ 3.7134, 1.7605,
2.5346

■ 79.6443, 64.4062,
76.4944

■ 1.5413, 0.4624,
0.8584

■ 103.5510, 85.6834,
100.9759

■ 0.3537, 0.0000,
0.0000

■ 131.8187,
111.1957, 130.1920

■ 0.0000, 0.0000,
0.0000

164.8126,

141.3276, 164.5612

202.8982,
176.4633, 204.5021

■ 20.3196, 13.9609,
17.5433

■ 20.3196, 13.9609,
17.5433

■ 18.8636, 11.8208,
14.6783

■ 22.1033, 16.6773,
20.7612

■ 17.7117, 10.2121,
12.1510

■ 24.2337, 20.0062,
24.3446

■ 16.8385, 9.0866,
9.9459

■ 26.7300, 23.9835,
28.3063

■ 16.2138, 8.3862,
8.0452

■ 29.6091, 28.6414,
32.6583

■ 15.8667, 8.0446,
6.8425

■ 32.8873, 34.0103,
37.4117

■ 36.5796, 40.1185,
42.5775

■ 40.7004, 46.9929,
48.1660

■ 45.2632, 54.6588,
54.1871

■ 50.2811, 63.1407,
60.6503

Harmonies

Analogous

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



18.7622, 13.9609, 28.5053



20.3196, 13.9609, 17.5433



19.7609, 13.9609, 9.3879

Triad

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



20.3196, 13.9609, 17.5433



11.0438, 13.9609, 4.0808



9.8923, 13.9609, 33.8595

Complementary

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



20.3196, 13.9609, 17.5433



19.3012, 28.4566, 23.2159

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.



8.3825, 13.9609, 23.0229



20.3196, 13.9609, 17.5433



8.9692, 13.9609, 6.8549

Square

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



20.3196, 13.9609, 17.5433



14.0639, 13.9609, 3.5955



8.0738, 13.9609, 13.0771



12.5055, 13.9609, 40.0851

Rectangle

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



20.3196, 13.9609, 17.5433



18.3000, 13.9609, 6.1388



8.0738, 13.9609, 13.0771



9.2572, 13.9609, 30.4688

Sweetspot

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



20.3200, 13.9616, 17.5436



51.1384, 48.2251, 55.6727



17.1508, 11.9356, 35.1180



10.9977, 10.2240, 11.8815



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.3200, 13.9616, 17.5436



33.4645, 20.7140, 25.6222



18.8900, 13.8737, 8.5208



7.1992, 7.1361, 8.0354



12.6923, 6.4330, 5.5700



0.2904, 0.1446, 0.2418

Inverse Universe

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



20.3200, 13.9616, 17.5436



33.4645, 20.7140, 25.6222



21.4287, 28.1394, 38.0201



7.1992, 7.1361, 8.0354



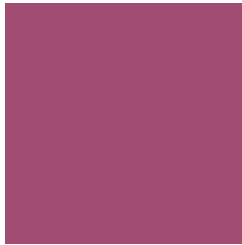
12.6923, 6.4330, 5.5700



0.2904, 0.1446, 0.2418

Previews

White Background



This preview shows how the XYZ color 20.3196, 13.9609, 17.5433 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



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 20.3196, 13.9609, 17.5433

Background



This preview shows how black text looks on a background with the XYZ color 20.3196, 13.9609, 17.5433.



This preview shows how white text looks on a background with the XYZ color 20.3196, 13.9609,

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

20.3196, 13.9609, 17.5433

Protanopia

14.1522, 14.1632, 23.8177

Deuteranopia

14.3759, 14.1392, 16.7233



Tritanopia

18.9608, 13.9439, 10.7089

Trichromacy



Original Color

20.3196, 13.9609, 17.5433

Protanomaly

15.5895, 13.5510, 21.1960

Deuteranomaly

15.9895, 13.7222, 16.8448

Tritanomaly

19.4509, 13.9286, 12.9726

Monochromacy



Original Color

20.3196, 13.9609, 17.5433

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.4567, 13.7242, 16.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3196, 13.9609, 17.5433 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(161, 76, 114)` looks like.

```
.text, #text, p{  
    color:rgb(161, 76, 114)  
}
```

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(161, 76, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 76, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.3196, 13.9609, 17.5433 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(161, 76, 114) }
```


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

```
.border{ border-color:rgb(161, 76, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 76, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 76, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 76, 114); box-shadow:4px 4px 4px 4px rgb(161, 76, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3196, 13.9609, 17.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 76, 114) }
```

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

```
.background{ background-color: rgb(161, 76,  
114) }
```

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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