

Converting Colors

XYZ(20.5750, 15.0004, 15.9983)

Have a look what the booklet for
XYZ(20.5750, 15.0004, 15.9983)
contains.

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Color

**XYZ(20.5750, 15.0004,
15.9983)**

Conversions

Conversions Part 1

Format	Color
Hex	A1546C
RGB	161, 84, 108
RGB Percent	63%, 33%, 42%
CMY	0.3686, 0.6706, 0.5765
CMYK	0.00, 0.48, 0.33, 0.37
HSL	341°, 31%, 48%
HSV	341°, 48%, 63%
XYZ	20.5750, 15.0004, 15.9983
YIQ	109.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

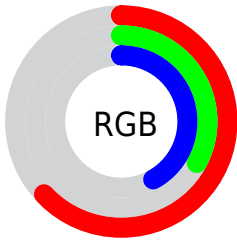
Format	Color
R_{YB}	161, 84, 108
Decimal	10572908
CIE _{Lab}	45.63, 34.55, 0.73
CIE _{LCh}	46, 34.559, 1.211
Yxy	15.0004, 0.3989, 0.2909
Android (android.graphics.Color)	4288762988 (0xFFA1546C)
YUV	109.7590, -0.8672, 44.9384
Hunter-Lab	38.7303, 27.0477, 2.6204

Details

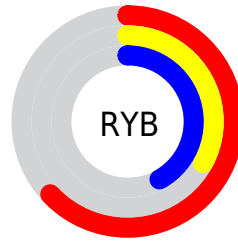
The XYZ color **20.5750, 15.0004, 15.9983** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9171, 29.1810, 28.1985**, and the grayscale version is **14.7471, 15.5151, 16.8960**.

A 20% lighter version of the original color is **43.8354, 34.7366, 37.1953**, and **7.5067, 4.6648, 4.9196** is the 20% darker color. If you saturate the color by 10%, you get **18.9131, 12.5613, 12.7170**, and if you desaturate by 10%, it is **22.5999, 18.0454, 19.7709**.

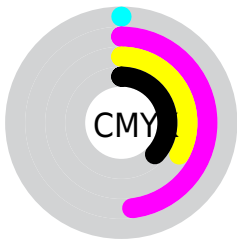
Distribution



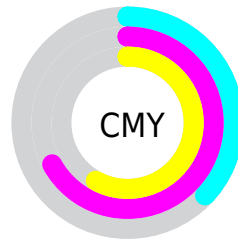
- Red (63%)
- Green (33%)
- Blue (42%)



- Red (63%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (33%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5750, 15.0004, 15.9983 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 20.5750, 15.0004, 15.9983 by changing the saturation by 10% instead.

■ 20.5750, 15.0004,
15.9983

■ 20.5750, 15.0004,
15.9983

247.7858,
223.3686, 241.1771

■ 12.9244, 8.8197,
9.3686

■ 43.8758, 34.8539,
37.3620

■ 7.4531, 4.6237,
4.8823

■ 60.2566, 49.2954,
52.9331

■ 3.7959, 2.0282,
2.1208

■ 80.2783, 67.2593,
72.3217

■ 1.5873, 0.6238,
0.6281

■ 104.3061, 89.1301,
95.9465

■ 0.3841, 0.0000,
0.0000

■ 132.7054,
115.2919, 124.2258

■ 0.0000, 0.0000,
0.0000

165.8415,

146.1294, 157.5783

204.0799,
182.0268, 196.4226

■ 20.5750, 15.0004,
15.9983

■ 20.5750, 15.0004,
15.9983

■ 18.9131, 12.5613,
12.7170

■ 22.5999, 18.0454,
19.7709

■ 17.5903, 10.6849,
9.9047

■ 25.0073, 21.7312,
24.0538

■ 16.5815, 9.3256,
7.5386


■ 27.8167, 26.0928,
28.8663


■ 15.8572, 8.4300,
5.5929


■ 31.0460, 31.1618,
34.2262


■ 15.3691, 7.9064,
4.0348


■ 34.7117, 36.9681,
40.1504

 15.2775, 7.8089,
3.7397

 38.8298, 43.5395,
46.6551

 43.4152, 50.9027,
53.7560

 48.4821, 59.0829,
61.4678

 54.0442, 68.1042,
69.8051

Harmonies

Analogous

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



19.7108, 15.0004, 25.2713



20.5750, 15.0004, 15.9983



19.5652, 15.0004, 9.3889

Triad

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



20.5750, 15.0004, 15.9983



11.5642, 15.0004, 6.1436



11.7423, 15.0004, 34.6567

Complementary

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



20.5750, 15.0004, 15.9983



20.9171, 29.1810, 28.1985

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.



10.0086, 15.0004, 26.0600



20.5750, 15.0004, 15.9983



9.9159, 15.0004, 9.7981

Square

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



20.5750, 15.0004, 15.9983



14.1401, 15.0004, 5.0201



9.3868, 15.0004, 16.6721



14.3754, 15.0004, 38.0054

Rectangle

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



20.5750, 15.0004, 15.9983



18.0347, 15.0004, 6.7947



9.3868, 15.0004, 16.6721



11.0482, 15.0004, 32.1680

Sweetspot

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



20.5754, 15.0011, 15.9986



51.7888, 49.8141, 55.0008



19.8577, 14.2007, 35.4126



11.1087, 10.5346, 11.6456



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.



20.5754, 15.0011, 15.9986



33.8062, 22.4014, 22.6407



20.6773, 16.9751, 10.5752



7.1605, 7.1206, 7.8314



12.2183, 6.2434, 3.0740



0.2771, 0.1393, 0.1720

Inverse Universe

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



20.5754, 15.0011, 15.9986



33.8062, 22.4014, 22.6407



20.5053, 25.2897, 37.5188



7.1605, 7.1206, 7.8314



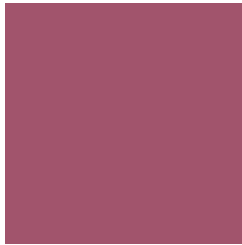
12.2183, 6.2434, 3.0740



0.2771, 0.1393, 0.1720

Previews

White Background



This preview shows how the XYZ color 20.5750, 15.0004, 15.9983 looks on a white background.

Color Contrast Check

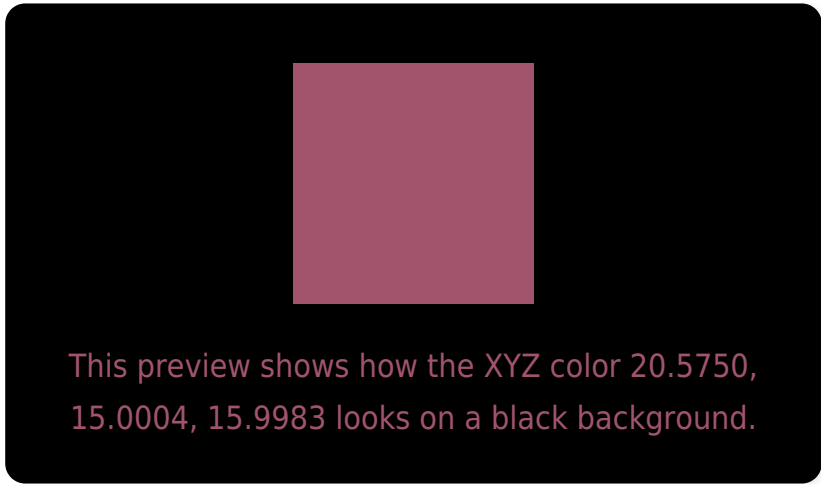
Large Text (above 18pt) WCAG AA ✓ Pass

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

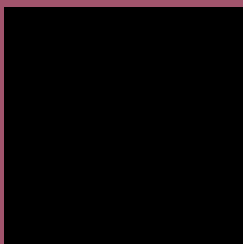
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.5750, 15.0004, 15.9983

Background



This preview shows how black text looks on a background with the XYZ color 20.5750, 15.0004, 15.9983.



This preview shows how white text looks on a background with the XYZ color 20.5750, 15.0004,

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

20.5750, 15.0004, 15.9983

Protanopia

14.8193, 15.1944, 20.5641

Deuteranopia

15.4865, 15.1880, 15.4800



Tritanopia

19.8812, 15.0803, 12.2189

Trichromacy



Original Color

20.5750, 15.0004, 15.9983

Protanomaly

16.2769, 14.6437, 18.7982

Deuteranomaly

17.0296, 14.8242, 15.5995

Tritanomaly

20.0296, 15.0110, 13.3970

Monochromacy



Original Color

20.5750, 15.0004, 15.9983

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.4673, 15.0786, 16.5105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5750, 15.0004, 15.9983 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, 84, 108)` looks like.

```
.text, #text, p{  
    color:rgb(161, 84, 108)  
}
```

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, 84, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 84, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.5750, 15.0004, 15.9983 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, 84, 108) }
```


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

```
.border{ border-color:rgb(161, 84, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 84, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 84, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 84, 108);  
box-shadow:4px 4px 4px 4px rgb(161, 84,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5750, 15.0004, 15.9983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 84, 108) }
```

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

```
.background{ background-color: rgb(161, 84,  
108) }
```

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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