

Converting Colors

XYZ(20.7792, 15.7055, 13.7965)

Have a look what the booklet for
XYZ(20.7792, 15.7055, 13.7965)
contains.

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Color

**XYZ(20.7248, 15.7270,
13.7477)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A25963 |
| RGB | 162, 89, 99 |
| RGB Percent | 64%, 35%, 39% |
| CMY | 0.3647, 0.6510, 0.6118 |
| CMYK | 0.00, 0.45, 0.39, 0.36 |
| HSL | 352°, 29%, 49% |
| HSV | 352°, 45%, 64% |
| XYZ | 20.7248, 15.7270, 13.7477 |
| YIQ | 111.9670, 40.2980, 18.5860 |

Conversions

Conversions Part 2

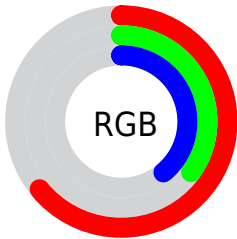
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 162, 89, 99 |
| Decimal | 10639715 |
| CIE _{Lab} | 46.61, 31.06, 7.62 |
| CIE _{LCh} | 47, 31.977, 13.787 |
| Yxy | 15.7270, 0.4128, 0.3133 |
| Android (android.graphics.Color) | 4288829795 (0xFFA25963) |
| YUV | 111.9670, -6.3927, 43.8789 |
| Hunter-Lab | 39.6573, 23.8834, 7.2065 |

Details

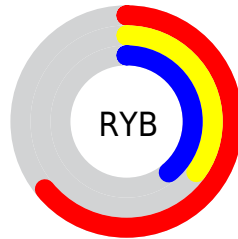
The XYZ color **20.7248, 15.7270, 13.7477** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7084, 30.2318, 34.3459**, and the grayscale version is **15.4017, 16.2038, 17.6460**.

A 20% lighter version of the original color is **44.0965, 36.0182, 33.4822**, and **7.4648, 4.9004, 3.9206** is the 20% darker color. If you saturate the color by 10%, you get **18.9105, 13.0770, 10.1258**, and if you desaturate by 10%, it is **22.9524, 19.0181, 18.0787**.

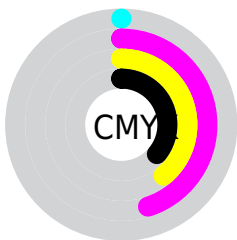
Distribution



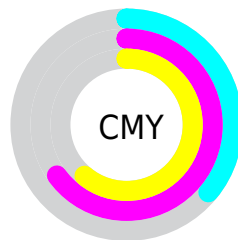
- Red (64%)
- Green (35%)
- Blue (39%)



- Red (64%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (45%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7248, 15.7270, 13.7477 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 20.7248, 15.7270, 13.7477 by changing the saturation by 10% instead.

20.7248, 15.7270,
13.7477

20.7248, 15.7270,
13.7477

248.5718,
227.7254, 227.0292

13.0343, 9.3312,
7.8087

44.1238, 36.1236,
33.3513

7.5293, 4.9578,
3.8867

60.5630, 50.8932,
47.8530

3.8445, 2.2225,
1.5634

80.6492, 69.2228,
66.0460

1.6146, 0.7322,
0.2645

104.7477, 91.4969,
88.3488

0.4019, 0.0000,
0.0000

133.2238,
118.0998, 115.1800

0.0000, 0.0000,
0.0000

166.4430,

149.4159, 146.9581

204.7705,
185.8296, 184.1016

■ 20.7248, 15.7270,
13.7477

■ 20.7248, 15.7270,
13.7477

■ 18.9105, 13.0770,
10.1258

■ 22.9524, 19.0181,
18.0787

■ 17.4825, 11.0241,
7.1740

■ 25.6153, 22.9861,
23.1530

■ 16.4127, 9.5224,
4.8512


■ 28.7358, 27.6666,
29.0037


■ 15.6686, 8.5181,
3.1110


■ 32.3339, 33.0923,
35.6615


■ 15.2101, 7.9443,
1.9002


■ 36.4287, 39.2937,
43.1556

 15.0469, 7.7400,
1.4693

 41.0381, 46.2998,
51.5136

 46.1792, 54.1379,
60.7620

 51.8682, 62.8342,
70.9260

 58.1208, 72.4135,
82.0299

Harmonies

Analogous

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



20.6525, 15.7270, 21.7339



20.7248, 15.7270, 13.7477



19.1213, 15.7270, 8.6052

Triad

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



20.7248, 15.7270, 13.7477



11.5646, 15.7270, 8.3203



13.5130, 15.7270, 36.2856

Complementary

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



20.7248, 15.7270, 13.7477



22.7084, 30.2318, 34.3459

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.



11.4310, 15.7270, 29.9594



20.7248, 15.7270, 13.7477



10.4045, 15.7270, 13.2170

Square

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



20.7248, 15.7270, 13.7477



13.7173, 15.7270, 6.1893



10.3588, 15.7270, 21.0123



16.2503, 15.7270, 36.5615

Rectangle

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



20.7248, 15.7270, 13.7477



17.4200, 15.7270, 6.7787



10.3588, 15.7270, 21.0123



12.7218, 15.7270, 34.7252

Sweetspot

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



20.7252, 15.7278, 13.7480



52.6535, 50.9572, 53.5577



22.8663, 16.3383, 36.1308



11.5440, 11.0210, 11.5040



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.7252, 15.7278, 13.7480



34.3397, 23.7535, 18.4007



22.7835, 20.5625, 12.2204



7.1114, 7.1010, 7.5733



11.8642, 6.1018, 1.2098



0.2601, 0.1325, 0.0821

Inverse Universe

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



20.7252, 15.7278, 13.7480



34.3397, 23.7535, 18.4007



19.5098, 22.4685, 37.4910



7.1114, 7.1010, 7.5733



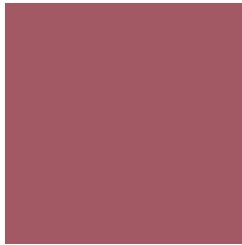
11.8642, 6.1018, 1.2098



0.2601, 0.1325, 0.0821

Previews

White Background



This preview shows how the XYZ color 20.7248, 15.7270, 13.7477 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 20.7248, 15.7270, 13.7477 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 20.7248, 15.7270, 13.7477

Background



This preview shows how black text looks on a background with the XYZ color 20.7248, 15.7270, 13.7477.



This preview shows how white text looks on a background with the XYZ color 20.7248, 15.7270,

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

20.7248, 15.7270, 13.7477

Protanopia

15.2552, 15.8103, 17.2866

Deuteranopia

16.1214, 15.8719, 13.2802



Tritanopia

20.5840, 15.6707, 13.0062

Trichromacy



Original Color

20.7248, 15.7270, 13.7477

Protanomaly

16.7653, 15.3896, 15.9968

Deuteranomaly

17.5301, 15.5529, 13.3873

Tritanomaly

20.6303, 15.6892, 13.2502

Monochromacy



Original Color

20.7248, 15.7270, 13.7477

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.8101, 15.7080, 16.0559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7248, 15.7270, 13.7477 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(162, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(162, 89, 99)  
}
```

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(162, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 89, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.7248, 15.7270, 13.7477 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(162, 89, 99) }
```


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

```
.border{ border-color:rgb(162, 89, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 89, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 89, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 89, 99);  
box-shadow:4px 4px 4px 4px rgb(162, 89,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7248, 15.7270, 13.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 89, 99) }
```

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

```
.background{ background-color: rgb(162, 89,  
99) }
```

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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