

Converting Colors

XYZ(27.1618, 20.1976, 8.8480)

Have a look what the booklet for
XYZ(27.1618, 20.1976, 8.8480)
contains.

XYZ(27.2155, 20.2369, 8.7750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.2155, 20.2369,
8.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	C06149
RGB	192, 97, 73
RGB Percent	75%, 38%, 29%
CMY	0.2471, 0.6196, 0.7137
CMYK	0.00, 0.49, 0.62, 0.25
HSL	12°, 49%, 52%
HSV	12°, 62%, 75%
XYZ	27.2155, 20.2369, 8.7750
YIQ	122.6690, 64.3240, 12.6760

Conversions

Conversions Part 2

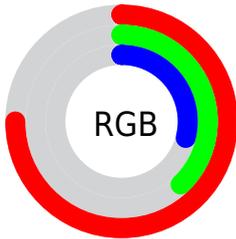
Format	Color
RYB	192, 103, 73
Decimal	12607817
CIELab	52.10, 36.00, 31.03
CIELCh	52, 47.532, 40.758
Yxy	20.2369, 0.4840, 0.3599
Android (android.graphics.Color)	4290797897 (0xFFC06149)
YUV	122.6690, -24.4868, 60.8033
Hunter-Lab	44.9854, 29.2652, 19.9245

Details

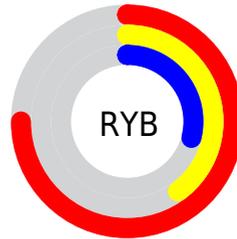
The XYZ color **27.2155, 20.2369, 8.7750** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **26.2636, 33.2253, 54.8977**, and the grayscale version is **18.7815, 19.7596, 21.5182**.

A 20% lighter version of the original color is **54.4052, 43.5955, 23.9597**, and **10.8990, 7.1034, 1.8953** is the 20% darker color. If you saturate the color by 10%, you get **25.3924, 17.4572, 5.4968**, and if you desaturate by 10%, it is **29.5096, 23.6446, 13.1798**.

Distribution



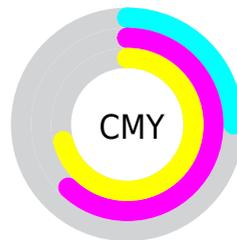
- Red (75%)
- Green (38%)
- Blue (29%)



- Red (75%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (25%)



- Cyan (25%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2155, 20.2369, 8.7750 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 27.2155, 20.2369, 8.7750 by changing the saturation by 10% instead.

 27.2155, 20.2369,
8.7750

 27.2155, 20.2369,
8.7750

280.8476,
253.1947, 191.8463

 17.8726, 12.5674,
4.4999

 54.6469, 43.8140,
24.0351

 10.9577, 7.1313,
1.9034

 73.4661, 60.4904,
35.8572

 6.1055, 3.5444,
0.4949

 96.1748, 80.9378,
51.0320

 2.9506, 1.4221,
0.0000

 123.1383,
105.5407, 69.9781

 1.1277, 0.2329,
0.0000

 154.7220,
134.6834, 93.1141

 0.0481, 0.0000,
0.0000

191.2912,

 0.0000, 0.0000,

168.7504, 120.8584

0.0000

233.2112,
208.1260, 153.6296

■ 27.2155, 20.2369,
8.7750

■ 27.2155, 20.2369,
8.7750

■ 25.3924, 17.4572,
5.4968

■ 29.5096, 23.6446,
13.1798

■ 24.0044, 15.2632,
3.2401

■ 32.3043, 27.7127,
18.8013

■ 23.0122, 13.6120,
1.8816

■ 35.6282, 32.4752,
25.7216

■ 22.4548, 12.6399,
1.2562

■ 39.5074, 37.9627,
34.0153

■ 43.9662, 44.2042,
43.7514

■ 49.0273, 51.2268,
54.9941

■ 54.7123, 59.0565,
67.8039

■ 61.0418, 67.7178,
82.2378

■ 68.0352, 77.2344,
98.3501

Harmonies

Analogous

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



29.9513, 20.2369, 17.4078



27.2155, 20.2369, 8.7750



22.4811, 20.2369, 5.1962

Triad

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



27.2155, 20.2369, 8.7750



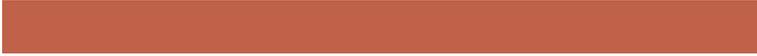
11.6930, 20.2369, 14.3400



21.0318, 20.2369, 60.1633

Complementary

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



27.2155, 20.2369, 8.7750



26.2636, 33.2253, 54.8977

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.



16.3167, 20.2369, 58.1837



27.2155, 20.2369, 8.7750



11.4381, 20.2369, 27.4160

Square

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



27.2155, 20.2369, 8.7750



13.7568, 20.2369, 7.3452



12.9897, 20.2369, 44.5277



26.0020, 20.2369, 49.1540

Rectangle

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



27.2155, 20.2369, 8.7750



19.1113, 20.2369, 4.6470



12.9897, 20.2369, 44.5277



19.3584, 20.2369, 61.0821

Sweetspot

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



27.2160, 20.2380, 8.7754



73.6417, 71.6753, 66.0910



31.2072, 18.8062, 39.1286



15.3235, 14.7091, 13.1490



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.2160, 20.2380, 8.7754



45.1207, 30.2445, 8.4567



34.8796, 35.5651, 11.3299



10.2341, 10.3997, 10.5298



15.1551, 8.5959, 0.8604



0.7046, 0.4710, 0.0538

Inverse Universe

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



26.2636, 33.2253, 54.8977



43.1105, 55.4039, 98.7822



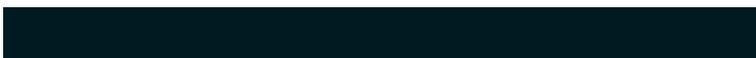
17.6988, 16.0957, 52.0428



10.1904, 11.0721, 12.8849



14.1530, 18.0625, 36.2971



0.6563, 0.8701, 1.5832

Previews

White Background



This preview shows how the XYZ color 27.2155, 20.2369, 8.7750 looks on a white background.

Color Contrast Check

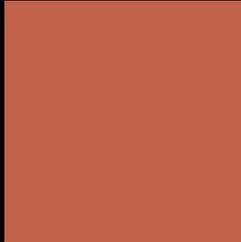
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.2155, 20.2369, 8.7750 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 27.2155, 20.2369, 8.7750

Background



This preview shows how black text looks on a background with the XYZ color 27.2155, 20.2369, 8.7750.



This preview shows how white text looks on a background with the XYZ color 27.2155, 20.2369,

8.7750.

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

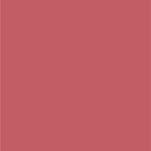
27.2155, 20.2369, 8.7750

Protanopia

18.9255, 20.4582, 11.3389

Deuteranopia

20.8079, 20.3956, 8.4703



Tritanopia

28.4627, 20.2181, 14.4589

Trichromacy



Original Color

27.2155, 20.2369, 8.7750

Protanomaly

21.2890, 19.9086, 10.3101

Deuteranomaly

22.7263, 20.0266, 8.4621

Tritanomaly

27.8405, 20.0810, 12.0815

Monochromacy



Original Color

27.2155, 20.2369, 8.7750

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7799, 19.3504, 16.0044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2155, 20.2369, 8.7750 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(192, 97, 73)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 73)  
}
```

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(192, 97, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 73) }
```

Border

The CSS property to change the border of an element to XYZ 27.2155, 20.2369, 8.7750 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(192, 97, 73) }
```

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

```
.border{ border-color:rgb(192, 97, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 97, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 73);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2155, 20.2369, 8.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 73) }
```

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

```
.background{ background-color: rgb(192, 97,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor