

Converting Colors

XYZ(20.4055, 17.0224, 7.6790)

Have a look what the booklet for
XYZ(20.4055, 17.0224, 7.6790)
contains.

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Color

**XYZ(20.4055, 17.0224,
7.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	A26344
RGB	162, 99, 68
RGB Percent	64%, 39%, 27%
CMY	0.3647, 0.6117, 0.7333
CMYK	0.00, 0.39, 0.58, 0.36
HSL	20°, 41%, 45%
HSV	20°, 58%, 64%
XYZ	20.4055, 17.0224, 7.6790
YIQ	114.3030, 47.4990, 3.7150

Conversions

Conversions Part 2

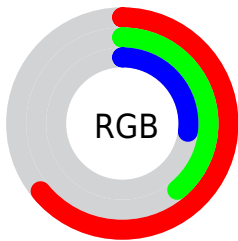
Format	Color
RYB	162, 114, 68
Decimal	10642244
CIELab	48.29, 22.29, 28.21
CIElCh	48, 35.952, 51.690
Yxy	17.0224, 0.4524, 0.3774
Android (android.graphics.Color)	4288832324 (0xFFA26344)
YUV	114.3030, -22.8274, 41.8303
Hunter-Lab	41.2582, 16.0807, 17.8457

Details

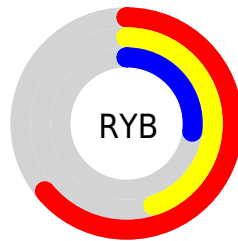
The XYZ color **20.4055, 17.0224, 7.6790** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.0213, 20.0691, 37.1588**, and the grayscale version is **16.1421, 16.9828, 18.4943**.

A 20% lighter version of the original color is **43.6324, 38.3127, 21.9250**, and **7.4019, 5.5553, 1.4928** is the 20% darker color. If you saturate the color by 10%, you get **19.0174, 14.9312, 5.1051**, and if you desaturate by 10%, it is **22.0693, 19.4466, 11.0192**.

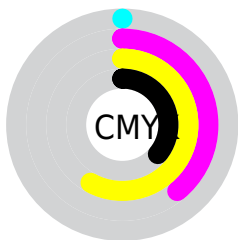
Distribution



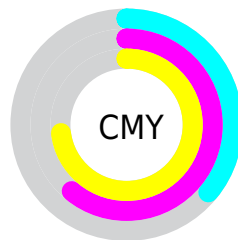
- Red (64%)
- Green (39%)
- Blue (27%)



- Red (64%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (58%)
- Black (36%)




- Cyan (36%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.4055, 17.0224, 7.6790 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 20.4055, 17.0224, 7.6790 by changing the saturation by 10% instead.


 20.4055, 17.0224,
7.6790


 20.4055, 17.0224,
7.6790


246.8939,
235.3014, 183.0317

 12.8001, 10.2505,
3.8054


 43.5948, 38.3643,
21.8624


 7.3671, 5.5653,
1.5192


 59.9094, 53.7030,
33.0093


 3.7411, 2.5826,
0.2322

 79.8578, 72.6661,
47.4177

 1.5567, 0.9179,
0.0000

 103.8053, 95.6381,
65.5062

 0.3640, 0.0000,
0.0000

 132.1173,
123.0031, 87.6933

 0.0000, 0.0000,
0.0000

165.1592,

155.1458, 114.3976

203.2963,
192.4504, 146.0375

■ 20.4055, 17.0224,
7.6790

■ 20.4055, 17.0224,
7.6790

■ 19.0174, 14.9312,
5.1051

■ 22.0693, 19.4466,
11.0192

■ 17.8869, 13.1549,
3.2337

■ 24.0231, 22.2155,
15.1805

■ 16.9949, 11.6771,
1.9924

■ 26.2814, 25.3438,
20.2135

■ 16.3115, 10.4759,
1.2543

■ 28.8574, 28.8440,
26.1647

■ 16.1931, 10.2671,
1.1283

■ 31.7636, 32.7282,
33.0772

■ 35.0115, 37.0081,
40.9912

■ 38.6122, 41.6946,
49.9448

■ 42.5763, 46.7983,
59.9739

■ 46.9140, 52.3294,
71.1129

Harmonies

Analogous

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



22.7645, 17.0224, 12.6360



20.4055, 17.0224, 7.6790



17.1066, 17.0224, 5.8035

Triad

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



20.4055, 17.0224, 7.6790



10.7138, 17.0224, 16.0482



18.6201, 17.0224, 40.8509

Complementary

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



20.4055, 17.0224, 7.6790



17.0213, 20.0691, 37.1588

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.



15.2861, 17.0224, 42.7207



20.4055, 17.0224, 7.6790



11.0049, 17.0224, 26.0311

Square

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



20.4055, 17.0224, 7.6790



11.7239, 17.0224, 9.4516



12.5810, 17.0224, 36.5935



21.6408, 17.0224, 32.1135

Rectangle

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



20.4055, 17.0224, 7.6790



14.9366, 17.0224, 5.8891



12.5810, 17.0224, 36.5935



17.4891, 17.0224, 42.3992

Sweetspot

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



20.4059, 17.0233, 7.6793



52.7388, 52.8355, 48.3217



21.1482, 13.4881, 23.4024



11.6343, 11.5827, 10.3592



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.



20.4059, 17.0233, 7.6793



33.7958, 25.9777, 8.0084



26.0334, 28.2782, 9.5551



7.2557, 7.4499, 7.4356



12.7934, 8.1607, 0.9009



0.3106, 0.2550, 0.0328

Inverse Universe

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



17.0213, 20.0691, 37.1588



26.9801, 31.9267, 66.7966



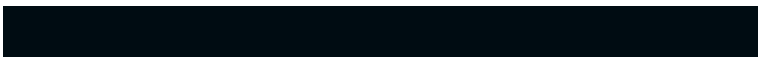
12.1725, 10.3715, 35.5426



7.0783, 7.6156, 9.0000



9.4505, 10.6803, 28.4932



0.2390, 0.3052, 0.6122

Previews

White Background



This preview shows how the XYZ color 20.4055, 17.0224, 7.6790 looks on a white background.

Color Contrast Check

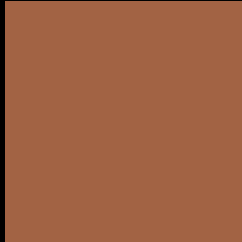
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4055, 17.0224, 7.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

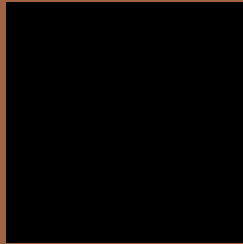
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.4055, 17.0224, 7.6790

Background



This preview shows how black text looks on a background with the XYZ color 20.4055, 17.0224, 7.6790.



This preview shows how white text looks on a background with the XYZ color 20.4055, 17.0224,

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

20.4055, 17.0224, 7.6790

Protanopia

15.8242, 17.1159, 8.9482

Deuteranopia

17.3745, 17.1207, 7.5431



Tritanopia

21.8003, 17.0362, 14.7097

Trichromacy



Original Color

20.4055, 17.0224, 7.6790

Protanomaly

17.1196, 16.8084, 8.4729

Deuteranomaly

18.3799, 17.0092, 7.6246

Tritanomaly

21.1326, 16.8905, 11.8192

Monochromacy



Original Color

20.4055, 17.0224, 7.6790

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.9864, 16.6256, 13.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4055, 17.0224, 7.6790 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, 99, 68)` looks like.

```
.text, #text, p{  
    color:rgb(162, 99, 68)  
}
```

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, 99, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 68) }
```

Border

The CSS property to change the border of an element to XYZ 20.4055, 17.0224, 7.6790 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, 99, 68) }
```


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

```
.border{ border-color:rgb(162, 99, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 99, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 99, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 99, 68);  
box-shadow:4px 4px 4px 4px rgb(162, 99,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4055, 17.0224, 7.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 68) }
```

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

```
.background{ background-color: rgb(162, 99,  
68) }
```

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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