

Converting Colors

XYZ(27.3660, 22.6431, 5.9914)

Have a look what the booklet for
XYZ(27.3660, 22.6431, 5.9914)
contains.

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Color

**XYZ(27.3562, 22.6374,
5.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7032
RGB	189, 112, 50
RGB Percent	74%, 44%, 20%
CMY	0.2588, 0.5608, 0.8039
CMYK	0.00, 0.41, 0.74, 0.26
HSL	27°, 58%, 47%
HSV	27°, 74%, 74%
XYZ	27.3562, 22.6374, 5.9452
YIQ	127.9550, 65.7940, -2.9580

Conversions

Conversions Part 2

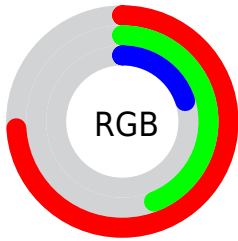
Format	Color
RYB	189, 162, 50
Decimal	12415026
CIELab	54.70, 25.40, 46.02
CIELCh	55, 52.559, 61.107
Yxy	22.6374, 0.4890, 0.4047
Android (android.graphics.Color)	4290605106 (0xFFBD7032)
YUV	127.9550, -38.4318, 53.5365
Hunter-Lab	47.5788, 19.3687, 25.8966

Details

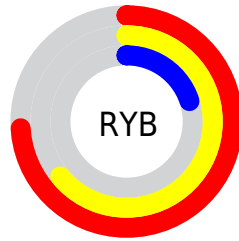
The XYZ color **27.3562, 22.6374, 5.9452** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.0896, 19.5300, 50.9602**, and the grayscale version is **20.6159, 21.6895, 23.6199**.

A 20% lighter version of the original color is **55.0001, 47.7950, 18.3831**, and **10.9834, 8.3008, 1.0233** is the 20% darker color. If you saturate the color by 10%, you get **25.9408, 20.3301, 3.8602**, and if you desaturate by 10%, it is **29.0753, 25.2831, 8.9619**.

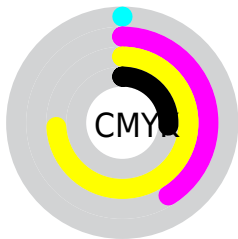
Distribution



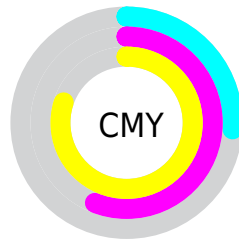
- Red (74%)
- Green (44%)
- Blue (20%)



- Red (74%)
- Yellow (64%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (74%)
- Black (26%)





- Cyan (26%)
- Magenta (56%)
- Yellow (80%)
- Black (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3562, 22.6374, 5.9452 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 27.3562, 22.6374, 5.9452 by changing the saturation by 10% instead.


 27.3562, 22.6374,
5.9452


 27.3562, 22.6374,
5.9452


281.5139,
265.8571, 167.8702


 17.9789, 14.3260,
2.7435


 54.8708, 47.7972,
18.2927


 11.0344, 8.3477,
0.9652


 73.7388, 65.4145,
28.2757


 6.1575, 4.3183,
0.0000


 96.5010, 86.9025,
41.3562

 2.9826, 1.8531,
0.0000

 123.5229,
112.6455, 57.9527

 1.1446, 0.5200,
0.0000

 155.1698,
143.0282, 78.4838

 0.0619, 0.0000,
0.0000

 191.8070,

 0.0000, 0.0000,

178.4347, 103.3681

0.0000

233.7999,
219.2495, 133.0240

■ 27.3562, 22.6374,
5.9452

■ 27.3562, 22.6374,
5.9452

■ 25.9408, 20.3301,
3.8602

■ 29.0753, 25.2831,
8.9619

■ 24.8006, 18.3394,
2.5871

■ 31.1193, 28.2797,
13.0078

■ 24.1805, 17.2074,
2.0469

■ 33.5089, 31.6431,
18.1693

■ 36.2626, 35.3871,
24.5233

■ 39.3971, 39.5245,
32.1395

■ 42.9281, 44.0676,
41.0825

■ 46.8705, 49.0278,
51.4124

■ 51.2381, 54.4163,
63.1855

■ 56.0441, 60.2438,
76.4549

Harmonies

Analogous

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



32.5254, 22.6374, 11.5728



27.3562, 22.6374, 5.9452



21.3018, 22.6374, 4.5380

Triad

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



27.3562, 22.6374, 5.9452



12.1943, 22.6374, 25.2693



27.7957, 22.6374, 63.2670

Complementary

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



27.3562, 22.6374, 5.9452



18.0896, 19.5300, 50.9602

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.



21.7319, 22.6374, 72.2449



27.3562, 22.6374, 5.9452



13.3223, 22.6374, 45.0630

Square

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



27.3562, 22.6374, 5.9452



13.1667, 22.6374, 12.2292



16.5727, 22.6374, 64.4286



32.8095, 22.6374, 43.4868

Rectangle

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



27.3562, 22.6374, 5.9452



17.7509, 22.6374, 5.2640



16.5727, 22.6374, 64.4286



25.7795, 22.6374, 67.9635

Sweetspot

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



27.3567, 22.6386, 5.9456



71.2765, 71.7201, 59.3446



26.0739, 14.6789, 22.1469



14.9813, 14.9716, 11.9021



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.3567, 22.6386, 5.9456



45.2063, 34.2539, 5.4160



37.8294, 43.5840, 9.4365



9.8711, 10.2181, 10.0287



16.3433, 11.7255, 1.4019



0.7055, 0.5899, 0.0767

Inverse Universe

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



18.0896, 19.5300, 50.9602



27.6691, 28.2487, 90.2204



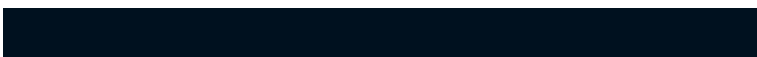
12.0785, 7.5078, 48.9565



9.4428, 10.0780, 12.1198



9.6351, 9.3820, 33.6960



0.4418, 0.4962, 1.3413

Previews

White Background



This preview shows how the XYZ color 27.3562, 22.6374, 5.9452 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 27.3562, 22.6374, 5.9452 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 27.3562, 22.6374, 5.9452

Background



This preview shows how black text looks on a background with the XYZ color 27.3562, 22.6374, 5.9452.



This preview shows how white text looks on a background with the XYZ color 27.3562, 22.6374,

5.9452.

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

27.3562, 22.6374, 5.9452

Protanopia

20.8191, 22.8990, 7.0641

Deuteranopia

23.1366, 22.7570, 5.7579



Tritanopia

30.0245, 22.6329, 18.4089

Trichromacy



Original Color

27.3562, 22.6374, 5.9452

Protanomaly

22.8998, 22.6150, 6.6482

Deuteranomaly

24.4631, 22.5224, 5.7472

Tritanomaly

28.9463, 22.6698, 12.5229

Monochromacy



Original Color

27.3562, 22.6374, 5.9452

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8375, 21.3232, 15.0214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3562, 22.6374, 5.9452 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(189, 112, 50)` looks like.

```
.text, #text, p{  
    color:rgb(189, 112, 50)  
}
```

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(189, 112, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 112, 50) }
```

Border

The CSS property to change the border of an element to XYZ 27.3562, 22.6374, 5.9452 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(189, 112, 50) }
```


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

```
.border{ border-color:rgb(189, 112, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 112, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 112, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 112, 50);  
box-shadow:4px 4px 4px 4px rgb(189, 112,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3562, 22.6374, 5.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 112, 50) }
```

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

```
.background{ background-color: rgb(189,  
112, 50) }
```

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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