

Converting Colors

XYZ(23.0005, 22.6087, 9.2825)

Have a look what the booklet for
XYZ(23.0005, 22.6087, 9.2825)
contains.

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Color

**XYZ(23.0005, 22.6087,
9.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	A07D48
RGB	160, 125, 72
RGB Percent	63%, 49%, 28%
CMY	0.3726, 0.5098, 0.7176
CMYK	0.00, 0.22, 0.55, 0.37
HSL	36°, 38%, 45%
HSV	36°, 55%, 63%
XYZ	23.0005, 22.6087, 9.2825
YIQ	129.4230, 37.8730, -9.0630

Conversions

Conversions Part 2

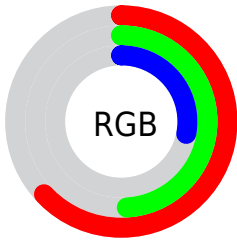
Format	Color
R_{YB}	130, 160, 72
Decimal	10517832
CIE _{Lab}	54.67, 6.98, 33.82
CIE _{LCh}	55, 34.529, 78.336
Yxy	22.6087, 0.4190, 0.4119
Android (android.graphics.Color)	4288707912 (0xFFA07D48)
YUV	129.4230, -28.3095, 26.8160
Hunter-Lab	47.5486, 3.1350, 21.7094

Details

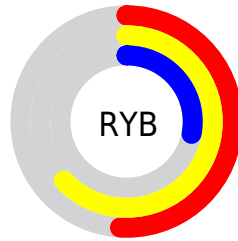
The XYZ color **23.0005, 22.6087, 9.2825** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.2750, 14.4305, 35.2905**, and the grayscale version is **21.1023, 22.2012, 24.1771**.

A 20% lighter version of the original color is **47.8503, 47.6011, 25.0783**, and **8.7038, 8.3032, 2.0637** is the 20% darker color. If you saturate the color by 10%, you get **21.7652, 20.8676, 6.6222**, and if you desaturate by 10%, it is **24.4243, 24.5096, 12.6763**.

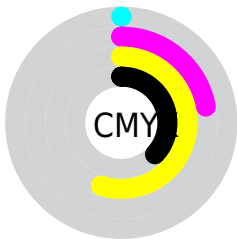
Distribution



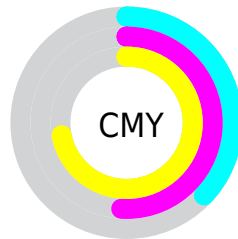
- Red (63%)
- Green (49%)
- Blue (28%)



- Red (51%)
- Yellow (63%)
- Blue (28%)



- Cyan (0%)
- Magenta (22%)
- Yellow (55%)
- Black (37%)



- Cyan (37%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0005, 22.6087, 9.2825 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 23.0005, 22.6087, 9.2825 by changing the saturation by 10% instead.


 23.0005, 22.6087,
9.2825


 23.0005, 22.6087,
9.2825

260.2628,
265.7088, 195.7666


 14.7146, 14.3048,
4.8266


 47.8608, 47.7500,
25.0233


 8.7043, 8.3330,
2.0889


 65.1659, 65.3563,
37.1452

 4.6044, 4.3088,
0.6092

 86.2081, 86.8321,
52.6596

 2.0494, 1.8477,
0.0000

 111.3527,
112.5619, 71.9849

 0.6615, 0.5167,
0.0000

 140.9651,
142.9301, 95.5397

 0.0000, 0.0000,
0.0000

175.4107,

178.3210, 123.7426

215.0549,
219.1191, 157.0120

■ 23.0005, 22.6087,
9.2825

■ 23.0005, 22.6087,
9.2825

■ 21.7652, 20.8676,
6.6222

■ 24.4243, 24.5096,
12.6763

■ 20.7051, 19.2767,
4.6371

■ 26.0457, 26.5727,
16.8533

■ 19.8074, 17.8302,
3.2618

■ 27.8747, 28.8043,
21.8603

■ 19.0554, 16.5199,
2.4141

■ 29.9204, 31.2096,
27.7401

■ 18.7139, 15.9071,
2.0841

■ 32.1910, 33.7932,
34.5323

■ 34.6946, 36.5597,
42.2744

■ 37.4384, 39.5132,
51.0015

■ 40.4297, 42.6581,
60.7471

■ 43.6753, 45.9981,
71.5430

Harmonies

Analogous

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



26.7222, 22.6087, 12.0583



23.0005, 22.6087, 9.2825



19.2709, 22.6087, 9.6154

Triad

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



23.0005, 22.6087, 9.2825



15.2717, 22.6087, 31.8055



27.4237, 22.6087, 41.3158

Complementary

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



23.0005, 22.6087, 9.2825



14.2750, 14.4305, 35.2905

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.



23.8708, 22.6087, 50.3074



23.0005, 22.6087, 9.2825



16.9877, 22.6087, 43.7962

Square

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



23.0005, 22.6087, 9.2825



15.0970, 22.6087, 20.6234



20.0450, 22.6087, 51.3294



29.4699, 22.6087, 29.0955

Rectangle

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



23.0005, 22.6087, 9.2825



17.2673, 22.6087, 11.5792



20.0450, 22.6087, 51.3294



26.3480, 22.6087, 44.9536

Sweetspot

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



23.0010, 22.6098, 9.2829



53.8178, 56.0779, 48.8775



19.4790, 13.1742, 15.4815



11.6426, 12.1119, 10.2532



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.



23.0010, 22.6098, 9.2829



39.0547, 37.2092, 11.1008



26.5401, 32.2078, 10.9490



6.9486, 7.2772, 7.0241



14.6218, 12.4792, 1.6381



0.3019, 0.3041, 0.0428

Inverse Universe

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



14.2750, 14.4305, 35.2905



21.5843, 20.8672, 63.2767



12.0389, 8.9135, 34.3435



6.4904, 6.8465, 8.3861



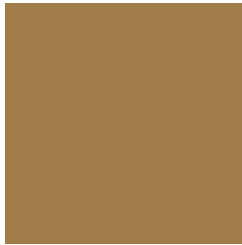
6.3955, 4.8825, 26.5126



0.1544, 0.1674, 0.4874

Previews

White Background



This preview shows how the XYZ color 23.0005, 22.6087, 9.2825 looks on a white background.

Color Contrast Check

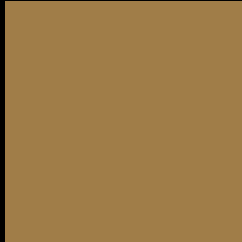
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0005, 22.6087, 9.2825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

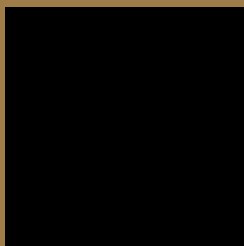
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0005, 22.6087, 9.2825

Background



This preview shows how black text looks on a background with the XYZ color 23.0005, 22.6087, 9.2825.



This preview shows how white text looks on a background with the XYZ color 23.0005, 22.6087,

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

23.0005, 22.6087, 9.2825

Protanopia

20.8539, 22.6563, 9.7525

Deuteranopia

23.0005, 22.6087, 9.2825



Tritanopia

25.8918, 22.5147, 23.4032

Trichromacy



Original Color

23.0005, 22.6087, 9.2825

Protanomaly

21.6305, 22.6656, 9.5382

Deuteranomaly

23.0005, 22.6087, 9.2825

Tritanomaly

24.6484, 22.5440, 17.2397

Monochromacy



Original Color

23.0005, 22.6087, 9.2825

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2412, 22.0965, 17.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0005, 22.6087, 9.2825 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(160, 125, 72)` looks like.

```
.text, #text, p{  
    color:rgb(160, 125, 72)  
}
```

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(160, 125, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 125, 72) }
```

Border

The CSS property to change the border of an element to XYZ 23.0005, 22.6087, 9.2825 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(160, 125, 72) }
```


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

```
.border{ border-color:rgb(160, 125, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 125, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 125, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 125, 72);  
box-shadow:4px 4px 4px 4px rgb(160, 125,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0005, 22.6087, 9.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 125, 72) }
```

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

```
.background{ background-color: rgb(160,  
125, 72) }
```

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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