

Converting Colors

XYZ(30.1640, 23.0539, 6.1992)

Have a look what the booklet for
XYZ(30.1640, 23.0539, 6.1992)
contains.

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Color

**XYZ(30.1538, 23.1217,
6.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6A35
RGB	202, 106, 53
RGB Percent	79%, 42%, 21%
CMY	0.2078, 0.5843, 0.7922
CMYK	0.00, 0.48, 0.74, 0.21
HSL	21°, 58%, 50%
HSV	21°, 74%, 79%
XYZ	30.1538, 23.1217, 6.2418
YIQ	128.6620, 74.2290, 3.8690

Conversions

Conversions Part 2

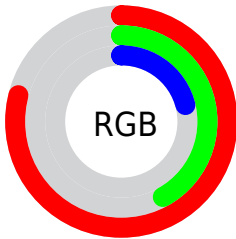
Format	Color
R_{YB}	202, 135, 53
Decimal	13265461
CIE _{Lab}	55.20, 34.13, 45.64
CIE _{LCh}	55, 56.987, 53.211
Yxy	23.1217, 0.5066, 0.3885
Android (android.graphics.Color)	4291455541 (0xFFCA6A35)
YUV	128.6620, -37.3014, 64.3174
Hunter-Lab	48.0850, 27.7874, 25.9632

Details

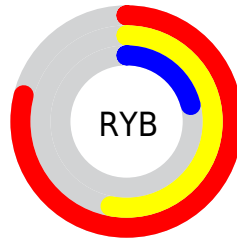
The XYZ color **30.1538, 23.1217, 6.2418** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.8755, 26.5143, 59.7889**, and the grayscale version is **20.8568, 21.9430, 23.8959**.

A 20% lighter version of the original color is **56.0364, 47.0156, 18.6918**, and **12.5805, 8.5835, 1.0512** is the 20% darker color. If you saturate the color by 10%, you get **28.5424, 20.4926, 3.8754**, and if you desaturate by 10%, it is **32.1655, 26.2387, 9.7077**.

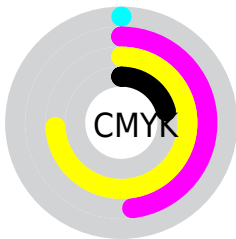
Distribution



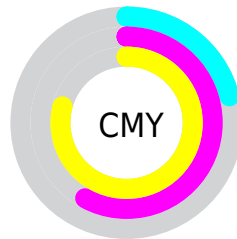
- Red (79%)
- Green (42%)
- Blue (21%)



- Red (79%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (21%)





- Cyan (21%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1538, 23.1217, 6.2418 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 30.1538, 23.1217, 6.2418 by changing the saturation by 10% instead.

 30.1538, 23.1217,
6.2418


 30.1538, 23.1217,
6.2418


294.5177,
268.3495, 170.5905


 20.1040, 14.6834,
2.9215


 59.2903, 48.5931,
18.9170


 12.5794, 8.5975,
1.0547


 79.1077, 66.3949,
29.1090

 7.2145, 4.4796,
0.0000


 102.9117, 88.0868,
42.4287

 3.6442, 1.9453,
0.0000

 131.0676,
114.0530, 59.2945

 1.5029, 0.5754,
0.0000

 163.9408,
144.6780, 80.1250

 0.3278, 0.0000,
0.0000

 201.8966,

 0.0000, 0.0000,

180.3461, 105.3389

0.0000

245.3005,
221.4418, 135.3545

■ 30.1538, 23.1217,
6.2418

■ 30.1538, 23.1217,
6.2418

■ 28.5424, 20.4926,
3.8754

■ 32.1655, 26.2387,
9.7077

■ 27.2942, 18.3187,
2.4647

■ 34.6065, 29.8658,
14.3901

■ 26.6653, 17.1731,
1.9093

■ 37.5044, 34.0279,
20.3922

■ 40.8837, 38.7472,
27.8058

■ 44.7672, 44.0443,
36.7143

■ 49.1759, 49.9388,
47.1946

■ 54.1296, 56.4494,
59.3184

■ 59.6473, 63.5939,
73.1527

■ 65.7467, 71.3892,
88.7609

Harmonies

Analogous

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



35.2578, 23.1217, 13.7310



30.1538, 23.1217, 6.2418



23.4557, 23.1217, 3.9427

Triad

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



30.1538, 23.1217, 6.2418



11.9235, 23.1217, 21.2542



27.1634, 23.1217, 73.1040

Complementary

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



30.1538, 23.1217, 6.2418



22.8755, 26.5143, 59.7889

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.



20.5608, 23.1217, 78.5079



30.1538, 23.1217, 6.2418



12.5357, 23.1217, 41.6770

Square

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



30.1538, 23.1217, 6.2418



13.5577, 23.1217, 9.4747



15.4298, 23.1217, 64.9884



33.3114, 23.1217, 52.5518

Rectangle

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



30.1538, 23.1217, 6.2418



19.2956, 23.1217, 4.1442



15.4298, 23.1217, 64.9884



24.8949, 23.1217, 77.0609

Sweetspot

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



30.1543, 23.1229, 6.2422



76.8315, 75.9674, 64.5857



31.1231, 17.3000, 30.4898



16.0320, 15.7025, 12.8581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.1543, 23.1229, 6.2422



46.8960, 32.2357, 4.8522



41.2503, 45.3148, 9.9409



11.5334, 11.8558, 11.7600



17.2357, 11.2043, 1.2542



0.9604, 0.7205, 0.0884

Inverse Universe

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



22.8755, 26.5143, 59.7889



33.7174, 37.8419, 100.1349



14.6689, 10.1011, 57.0534



11.1945, 12.0294, 14.3023



12.0954, 13.2148, 37.8695



0.6939, 0.8216, 1.9770

Previews

White Background



This preview shows how the XYZ color 30.1538, 23.1217, 6.2418 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 30.1538, 23.1217, 6.2418 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 30.1538, 23.1217, 6.2418

Background



This preview shows how black text looks on a background with the XYZ color 30.1538, 23.1217, 6.2418.



This preview shows how white text looks on a background with the XYZ color 30.1538, 23.1217,

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

30.1538, 23.1217, 6.2418

Protanopia

21.2625, 23.3150, 7.7945

Deuteranopia

23.7202, 23.2421, 6.0323



Tritanopia

32.3879, 23.1550, 16.6723

Trichromacy



Original Color

30.1538, 23.1217, 6.2418

Protanomaly

23.7830, 22.6869, 7.1285

Deuteranomaly

25.7630, 23.0076, 6.1007

Tritanomaly

31.3735, 23.0282, 11.8082

Monochromacy



Original Color

30.1538, 23.1217, 6.2418

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.8966, 21.6822, 15.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1538, 23.1217, 6.2418 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(202, 106, 53)` looks like.

```
.text, #text, p{  
    color:rgb(202, 106, 53)  
}
```

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(202, 106, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 106, 53) }
```

Border

The CSS property to change the border of an element to XYZ 30.1538, 23.1217, 6.2418 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(202, 106, 53) }
```


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

```
.border{ border-color:rgb(202, 106, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 106, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 106, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 106, 53);  
box-shadow:4px 4px 4px 4px rgb(202, 106,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1538, 23.1217, 6.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 106, 53) }
```

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

```
.background{ background-color: rgb(202,  
106, 53) }
```

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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