

Converting Colors

XYZ(23.4613, 17.6563, 7.6404)

Have a look what the booklet for
XYZ(23.4613, 17.6563, 7.6404)
contains.

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Color

**XYZ(23.4609, 17.6554,
7.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	B35C44
RGB	179, 92, 68
RGB Percent	70%, 36%, 27%
CMY	0.2980, 0.6392, 0.7333
CMYK	0.00, 0.49, 0.62, 0.30
HSL	13°, 45%, 48%
HSV	13°, 62%, 70%
XYZ	23.4609, 17.6554, 7.6401
YIQ	115.2770, 59.5560, 10.9800

Conversions

Conversions Part 2

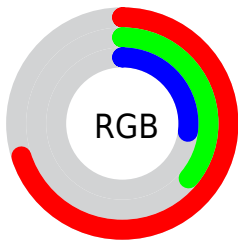
Format	Color
R_{YB}	179, 99, 68
Decimal	11754564
CIE _{Lab}	49.08, 33.15, 29.71
CIE _{LCh}	49, 44.512, 41.867
Yxy	17.6554, 0.4812, 0.3621
Android (android.graphics.Color)	4289944644 (0xFFB35C44)
YUV	115.2770, -23.3076, 55.8851
Hunter-Lab	42.0183, 26.1333, 18.6323

Details

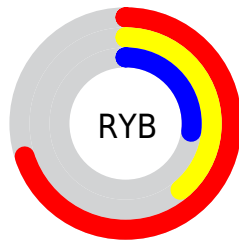
The XYZ color **23.4609, 17.6554, 7.6401** is a dark color, and the websafe version is hex **CC6666**, and the color name is **spicy red-brown (karacha)**. A complement of this color would be **22.2409, 27.9242, 46.8651**, and the grayscale version is **16.4363, 17.2923, 18.8313**.

A 20% lighter version of the original color is **48.7807, 39.5816, 21.8986**, and **8.9139, 5.8586, 1.5252** is the 20% darker color. If you saturate the color by 10%, you get **21.8909, 15.2603, 4.8208**, and if you desaturate by 10%, it is **25.4236, 20.5692, 11.4134**.

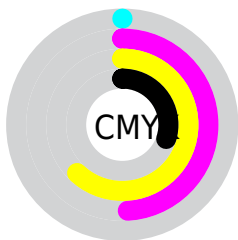
Distribution



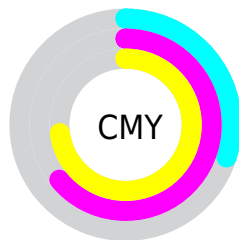
- Red (70%)
- Green (36%)
- Blue (27%)



- Red (70%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (30%)



- Cyan (30%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4609, 17.6554, 7.6401 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 23.4609, 17.6554, 7.6401 by changing the saturation by 10% instead.

■ 23.4609, 17.6554,
7.6401

■ 23.4609, 17.6554,
7.6401

262.5749,
238.9215, 182.7091

■ 15.0568, 10.7029,
3.7811

■ 48.6101, 39.4493,
21.7842

■ 8.9458, 5.8674,
1.5060

■ 66.0859, 55.0594,
32.9064

■ 4.7627, 2.7646,
0.2224

■ 87.3163, 74.3241,
47.2867

■ 2.1420, 1.0101,
0.0000

■ 112.6667, 97.6279,
65.3437

■ 0.7119, 0.0000,
0.0000

■ 142.5024,
125.3552, 87.4959

■ 0.0000, 0.0000,
0.0000

177.1887,

157.8902, 114.1618

217.0911,
195.6175, 145.7601

■ 23.4609, 17.6554,
7.6401

■ 23.4609, 17.6554,
7.6401

■ 21.8909, 15.2603,
4.8208

■ 25.4236, 20.5692,
11.4134

■ 20.6842, 13.3500,
2.8675

■ 27.8029, 24.0273,
16.2160

■ 19.8087, 11.8905,
1.6773

■ 30.6224, 28.0571,
22.1168

■ 19.3063, 11.0158,
1.1087

■ 33.9033, 32.6831,
29.1783

■ 37.6656, 37.9285,
37.4584

■ 41.9278, 43.8153,
47.0112

■ 46.7078, 50.3641,
57.8873

■ 52.0222, 57.5948,
70.1347

■ 57.8872, 65.5266,
83.7989

Harmonies

Analogous

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



25.8760, 17.6554, 14.8921



23.4609, 17.6554, 7.6401



19.3920, 17.6554, 4.6479

Triad

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



23.4609, 17.6554, 7.6401



10.2762, 17.6554, 12.9462



18.4780, 17.6554, 51.4320

Complementary

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



23.4609, 17.6554, 7.6401



22.2409, 27.9242, 46.8651

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.



14.4154, 17.6554, 50.1947



23.4609, 17.6554, 7.6401



10.1141, 17.6554, 24.3230

Square

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



23.4609, 17.6554, 7.6401



11.9939, 17.6554, 6.7236



11.5071, 17.6554, 38.8935



22.6974, 17.6554, 41.7913

Rectangle

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



23.4609, 17.6554, 7.6401



16.5220, 17.6554, 4.2252



11.5071, 17.6554, 38.8935



17.0426, 17.6554, 52.3565

Sweetspot

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



23.4613, 17.6563, 7.6404



62.4468, 60.9513, 56.0281



26.7261, 16.1454, 33.5164



13.4327, 12.9406, 11.5344



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



23.4613, 17.6563, 7.6404



38.4376, 26.1304, 7.3391



29.8663, 30.4663, 9.7754



8.6404, 8.7934, 8.8944



13.6832, 7.8650, 0.7969



0.4732, 0.3328, 0.0393

Inverse Universe

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



22.2409, 27.9242, 46.8651



35.9519, 45.7914, 83.3249



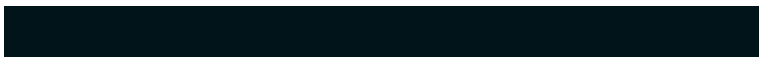
15.2034, 13.8494, 44.5193



8.5836, 9.3134, 10.8516



12.4555, 15.7114, 32.5131



0.4308, 0.5722, 1.0360

Previews

White Background



This preview shows how the XYZ color 23.4609, 17.6554, 7.6401 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 23.4609, 17.6554, 7.6401 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 23.4609, 17.6554, 7.6401

Background



This preview shows how black text looks on a background with the XYZ color 23.4609, 17.6554, 7.6401.



This preview shows how white text looks on a background with the XYZ color 23.4609, 17.6554,

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

23.4609, 17.6554, 7.6401

Protanopia

16.4888, 17.7847, 9.7715

Deuteranopia

18.0473, 17.7981, 7.3347



Tritanopia

24.6113, 17.6294, 12.9321

Trichromacy



Original Color

23.4609, 17.6554, 7.6401

Protanomaly

18.4527, 17.3305, 8.8511

Deuteranomaly

19.7160, 17.5527, 7.3499

Tritanomaly

24.0345, 17.5039, 10.7062

Monochromacy



Original Color

23.4609, 17.6554, 7.6401

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.9435, 16.8005, 13.8524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4609, 17.6554, 7.6401 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(179, 92, 68)` looks like.

```
.text, #text, p{  
    color:rgb(179, 92, 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(179, 92, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 92, 68) }
```

Border

The CSS property to change the border of an element to XYZ 23.4609, 17.6554, 7.6401 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(179, 92, 68) }
```


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

```
.border{ border-color:rgb(179, 92, 68) }
```

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

Here you see how a box with a 4 pixel rgb(179, 92, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 92, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 92, 68);  
box-shadow:4px 4px 4px 4px rgb(179, 92,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4609, 17.6554, 7.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 92, 68) }
```

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

```
.background{ background-color: rgb(179, 92,  
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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