

Converting Colors

XYZ(34.7054, 23.9562, 9.4704)

Have a look what the booklet for
XYZ(34.7054, 23.9562, 9.4704)
contains.

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Color

**XYZ(34.6663, 23.9338,
9.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	DB604B
RGB	219, 96, 75
RGB Percent	86%, 38%, 29%
CMY	0.1412, 0.6235, 0.7059
CMYK	0.00, 0.56, 0.66, 0.14
HSL	9°, 67%, 58%
HSV	9°, 66%, 86%
XYZ	34.6663, 23.9338, 9.4492
YIQ	130.3830, 80.0490, 19.5450

Conversions

Conversions Part 2

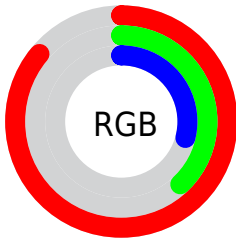
Format	Color
R_{YB}	219, 100, 75
Decimal	14377035
CIE _{Lab}	56.02, 46.80, 35.63
CIE _{LCh}	56, 58.820, 37.280
Yxy	23.9338, 0.5094, 0.3517
Android (android.graphics.Color)	4292567115 (0xFFDB604B)
YUV	130.3830, -27.3038, 77.7171
Hunter-Lab	48.9222, 40.8714, 22.7938

Details

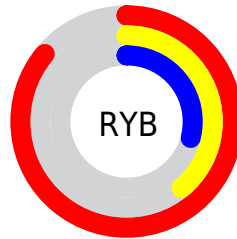
The XYZ color **34.6663, 23.9338, 9.4492** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted orange. A complement of this color would be **35.8804, 46.9954, 74.1974**, and the grayscale version is **21.4286, 22.5445, 24.5510**.

A 20% lighter version of the original color is **55.7844, 44.5279, 24.7234**, and **15.1629, 9.0188, 2.1699** is the 20% darker color. If you saturate the color by 10%, you get **32.5333, 20.6681, 5.6550**, and if you desaturate by 10%, it is **37.4643, 28.1173, 14.7377**.

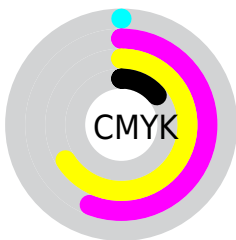
Distribution



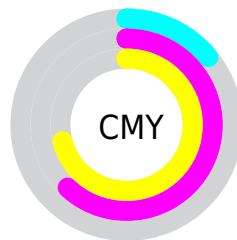
- Red (86%)
- Green (38%)
- Blue (29%)



- Red (86%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (66%)
- Black (14%)




- Cyan (14%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6663, 23.9338, 9.4492 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 34.6663, 23.9338, 9.4492 by changing the saturation by 10% instead.


 34.6663, 23.9338,
9.4492


 34.6663, 23.9338,
9.4492


314.6268,
272.4856, 197.0342


 23.5712, 15.2845,
4.9345


 66.3059, 49.9222,
25.3456


 15.1389, 9.0193,
2.1508


 87.5812, 68.0300,
37.5645


 9.0039, 4.7538,
0.6458


 112.9806, 90.0595,
53.1884

 4.8008, 2.1035,
0.0000

 142.8695,
116.3951, 72.6361

 2.1644, 0.6666,
0.0000

 177.6132,
147.4211, 96.3259

 0.7239, 0.0000,
0.0000

217.5771,

 0.0000, 0.0000,

183.5219, 124.6766

0.0000

263.1265,
225.0819, 158.1065

■ 34.6663, 23.9338,
9.4492

■ 34.6663, 23.9338,
9.4492

■ 32.5333, 20.6681,
5.6550

■ 37.4643, 28.1173,
14.7377

■ 31.0066, 18.2467,
3.1980

■ 40.9760, 33.2768,
21.6536

■ 30.0194, 16.5907,
1.8872

■ 45.2470, 39.4706,
30.3166

■ 29.7284, 16.0902,
1.5389

■ 50.3189, 46.7510,
40.8349

■ 56.2302, 55.1669,
53.3078

■ 63.0167, 64.7640,
67.8275

■ 70.7124, 75.5856,
84.4804

■ 79.3492, 87.6730,
103.3480

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



38.1366, 23.9338, 21.6433



34.6663, 23.9338, 9.4492



28.1170, 23.9338, 4.6522

Triad

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



34.6663, 23.9338, 9.4492



12.7842, 23.9338, 14.2139



24.4265, 23.9338, 82.7575

Complementary

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



34.6663, 23.9338, 9.4492



35.8804, 46.9954, 74.1974

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.



18.1107, 23.9338, 77.3175



34.6663, 23.9338, 9.4492



12.1815, 23.9338, 31.0397

Square

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



34.6663, 23.9338, 9.4492



15.7806, 23.9338, 6.3042



13.9328, 23.9338, 55.5420



31.5138, 23.9338, 68.0277

Rectangle

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



34.6663, 23.9338, 9.4492



23.3676, 23.9338, 3.8109



13.9328, 23.9338, 55.5420



22.1402, 23.9338, 83.3135

Sweetspot

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



34.6669, 23.9351, 9.4496



75.5428, 72.4270, 67.1250



42.1313, 24.2531, 56.9817



15.6692, 14.7899, 13.3137



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.



34.6669, 23.9351, 9.4496



44.9838, 27.6991, 6.4104



44.1559, 42.9132, 12.6126



13.2086, 13.3565, 13.6075



17.6762, 9.6379, 0.9287



1.1949, 0.7239, 0.0767

Inverse Universe

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



35.8804, 46.9954, 74.1974



46.6384, 62.1741, 104.1504



23.3810, 21.9967, 70.0310



13.2746, 14.4889, 16.7491



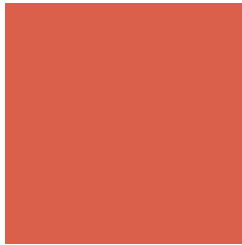
18.1879, 24.2453, 43.4596



1.2234, 1.6610, 2.8306

Previews

White Background



This preview shows how the XYZ color 34.6663, 23.9338, 9.4492 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 34.6663, 23.9338, 9.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

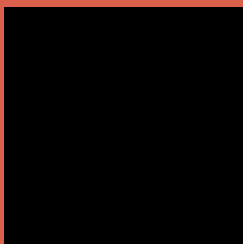
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6663, 23.9338, 9.4492

Background



This preview shows how black text looks on a background with the XYZ color 34.6663, 23.9338, 9.4492.



This preview shows how white text looks on a background with the XYZ color 34.6663, 23.9338,

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

34.6663, 23.9338, 9.4492

Protanopia

22.3212, 24.1602, 12.9381

Deuteranopia

24.5192, 23.9750, 8.9656



Tritanopia

35.6817, 23.9452, 14.5456

Trichromacy



Original Color

34.6663, 23.9338, 9.4492

Protanomaly

25.6712, 23.1991, 11.5124

Deuteranomaly

27.3903, 23.2600, 9.0072

Tritanomaly

35.3634, 23.9592, 12.4336

Monochromacy



Original Color

34.6663, 23.9338, 9.4492

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.1932, 21.7640, 17.6776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6663, 23.9338, 9.4492 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(219, 96, 75)` looks like.

```
.text, #text, p{  
    color:rgb(219, 96, 75)  
}
```

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(219, 96, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 96, 75) }
```

Border

The CSS property to change the border of an element to XYZ 34.6663, 23.9338, 9.4492 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(219, 96, 75) }
```


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

```
.border{ border-color:rgb(219, 96, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 96, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 96, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 96, 75);  
box-shadow:4px 4px 4px 4px rgb(219, 96,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6663, 23.9338, 9.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 96, 75) }
```

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

```
.background{ background-color: rgb(219, 96,  
75) }
```

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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