

Converting Colors

XYZ(44.4507, 27.2874, 7.7747)

Have a look what the booklet for
XYZ(44.4507, 27.2874, 7.7747)
contains.

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Color

**XYZ(44.4507, 27.2874,
7.7747)**

Conversions

Conversions Part 1

Format	Color
Hex	FD5240
RGB	253, 82, 64
RGB Percent	99%, 32%, 25%
CMY	0.0078, 0.6784, 0.7490
CMYK	0.00, 0.68, 0.75, 0.01
HSL	6°, 98%, 62%
HSV	6°, 75%, 99%
XYZ	44.4507, 27.2874, 7.7747
YIQ	131.0770, 107.6940, 30.6540

Conversions

Conversions Part 2

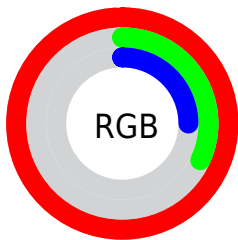
Format	Color
R_YB	253, 84, 64
Decimal	16601664
CIE Lab	59.24, 63.80, 46.75
CIE LCh	59, 79.093, 36.233
Yxy	27.2874, 0.5590, 0.3432
Android (android.graphics.Color)	4294791744 (0xFFFD5240)
YUV	131.0770, -33.0690, 106.9265
Hunter-Lab	52.2373, 60.4769, 27.7418

Details

The XYZ color **44.4507, 27.2874, 7.7747** is a dark color, and the websafe version is hex **FF3333**, and the color name is **ogre odor**. The color can be described as middle washed red. A complement of this color would be **49.5490, 67.5920, 103.3628**, and the grayscale version is **21.6899, 22.8195, 24.8504**.

A 20% lighter version of the original color is **53.5987, 41.2084, 20.7518**, and **20.8699, 10.7785, 1.5527** is the 20% darker color. If you saturate the color by 10%, you get **42.4392, 24.1675, 4.3216**, and if you desaturate by 10%, it is **47.3650, 31.6917, 13.1383**.

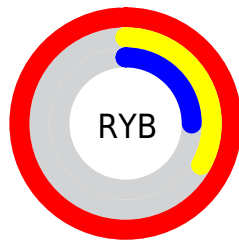
Distribution



Red (99%)

Green (32%)

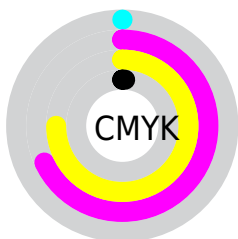
Blue (25%)



Red (99%)

Yellow (33%)

Blue (25%)

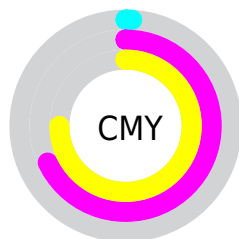


Cyan (0%)

Magenta (68%)

Yellow (75%)

Black (1%)



Cyan (1%)

Magenta (68%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4507, 27.2874, 7.7747 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 44.4507, 27.2874, 7.7747 by changing the saturation by 10% instead.


 44.4507, 27.2874,
7.7747


 44.4507, 27.2874,
7.7747


355.3655,
289.0460, 183.8222


 31.2244, 17.7892,
3.8654


 81.1377, 55.3447,
22.0544

 20.9225, 10.7987,
1.5518


 105.3291, 74.6726,
33.2619

 13.1795, 5.9317,
0.2561


 133.9062, 98.0458,
47.7392

 7.6301, 2.8036,
0.0000

 167.2344,
125.8488, 65.9049

 3.9090, 1.0301,
0.0000

 205.6791,
158.4659, 88.1775

 1.6508, 0.0000,
0.0000

 249.6056,

 0.4252, 0.0000,

196.2815, 114.9756

0.0000

299.3793,
239.6801, 146.7176

■ 0.0000, 0.0000,
0.0000

■ 44.4507, 27.2874,
7.7747

■ 44.4507, 27.2874,
7.7747

■ 42.4392, 24.1675,
4.3216

■ 47.3650, 31.6917,
13.1383

■ 41.2209, 22.1885,
2.5047


■ 51.2710, 37.4946,
20.6344


■ 40.8366, 21.5403,
2.0054

■ 56.2490, 44.8029,
30.4558

■ 62.3702, 53.7117,
42.7734

■ 69.6999, 64.3082,
57.7418

 78.2983, 76.6735,
75.5034

 88.2219, 90.8833,
96.1903

94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



49.7426, 27.2874, 24.1927



44.4507, 27.2874, 7.7747



34.3597, 27.2874, 2.5656

Triad

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



44.4507, 27.2874, 7.7747



12.1570, 27.2874, 12.7502



28.0512, 27.2874, 123.0956

Complementary

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



44.4507, 27.2874, 7.7747



49.5490, 67.5920, 103.3628

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.



19.0153, 27.2874, 112.3635



44.4507, 27.2874, 7.7747



11.2759, 27.2874, 36.0112

Square

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



44.4507, 27.2874, 7.7747



16.2588, 27.2874, 3.8996



13.4431, 27.2874, 74.8006



38.8466, 27.2874, 98.6404

Rectangle

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



44.4507, 27.2874, 7.7747



27.2026, 27.2874, 1.7844



13.4431, 27.2874, 74.8006



24.7091, 27.2874, 123.6223

Sweetspot

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



44.4513, 27.2890, 7.7751



73.1886, 68.6817, 63.3714



57.6637, 30.6784, 83.1942



15.1851, 14.0087, 12.5758



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.



44.4513, 27.2890, 7.7751



42.4523, 23.3951, 3.2265



56.6175, 51.6214, 11.8305



18.1486, 18.2653, 18.7134



21.7688, 11.5488, 1.0818



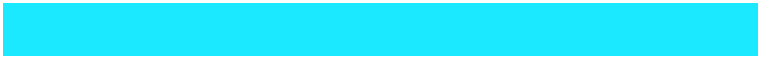
2.1641, 1.2135, 0.1202

Inverse Universe

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



49.5490, 67.5920, 103.3628



47.6391, 65.7845, 104.7946



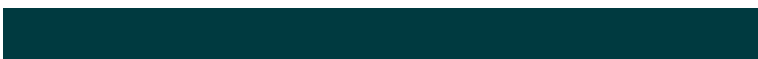
29.6289, 27.7519, 96.7228



18.3982, 20.1680, 23.1731



24.3799, 33.6693, 54.6485



2.4150, 3.3608, 5.3347

Previews

White Background



This preview shows how the XYZ color 44.4507, 27.2874, 7.7747 looks on a white background.

Color Contrast Check

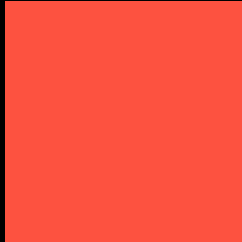
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4507, 27.2874, 7.7747 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 44.4507, 27.2874, 7.7747

Background



This preview shows how black text looks on a background with the XYZ color 44.4507, 27.2874, 7.7747.



This preview shows how white text looks on a background with the XYZ color 44.4507, 27.2874,

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

44.4507, 27.2874, 7.7747

Protanopia

25.2884, 27.4376, 12.1467

Deuteranopia

27.8069, 27.3303, 7.1779



Tritanopia

45.2304, 27.2873, 11.0667

Trichromacy



Original Color

44.4507, 27.2874, 7.7747

Protanomaly

29.8801, 25.4030, 10.1659

Deuteranomaly

32.1607, 25.7653, 7.1490

Tritanomaly

45.0462, 27.3300, 9.7385

Monochromacy



Original Color

44.4507, 27.2874, 7.7747

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.2382, 21.9858, 16.7707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4507, 27.2874, 7.7747 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(253, 82, 64)` looks like.

```
.text, #text, p{  
    color:rgb(253, 82, 64)  
}
```

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(253, 82, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 82, 64) }
```

Border

The CSS property to change the border of an element to XYZ 44.4507, 27.2874, 7.7747 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(253, 82, 64) }
```


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

```
.border{ border-color:rgb(253, 82, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 82, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 82, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 82, 64);  
box-shadow:4px 4px 4px 4px rgb(253, 82,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4507, 27.2874, 7.7747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 82, 64) }
```

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

```
.background{ background-color: rgb(253, 82,  
64) }
```

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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