

Converting Colors

XYZ(40.5652, 26.7189, 9.6121)

Have a look what the booklet for
XYZ(40.5652, 26.7189, 9.6121)
contains.

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Color

**XYZ(40.5326, 26.6905,
9.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5E4B
RGB	238, 94, 75
RGB Percent	93%, 37%, 29%
CMY	0.0667, 0.6313, 0.7059
CMYK	0.00, 0.61, 0.68, 0.07
HSL	7°, 83%, 61%
HSV	7°, 68%, 93%
XYZ	40.5326, 26.6905, 9.6721
YIQ	134.8900, 91.9230, 24.6190

Conversions

Conversions Part 2

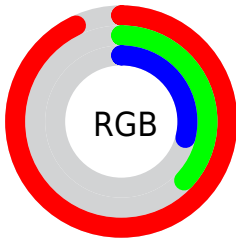
Format	Color
R_{YB}	238, 97, 75
Decimal	15621707
CIE _{Lab}	58.69, 54.42, 39.53
CIE _{LCh}	59, 67.267, 35.993
Yxy	26.6905, 0.5271, 0.3471
Android (android.graphics.Color)	4293811787 (0xFFEE5E4B)
YUV	134.8900, -29.5258, 90.4275
Hunter-Lab	51.6628, 49.6340, 25.0640

Details

The XYZ color **40.5326, 26.6905, 9.6721** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **43.6637, 58.3277, 89.8455**, and the grayscale version is **23.0715, 24.2730, 26.4333**.

A 20% lighter version of the original color is **55.6891, 44.2356, 25.0052**, and **18.5318, 10.4644, 2.2055** is the 20% darker color. If you saturate the color by 10%, you get **38.2432, 23.1808, 5.6140**, and if you desaturate by 10%, it is **43.6369, 31.3431, 15.5045**.

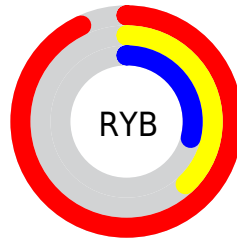
Distribution



Red (93%)

Green (37%)

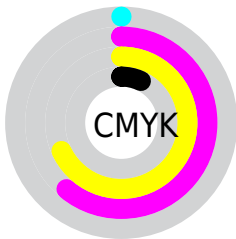
Blue (29%)



Red (93%)

Yellow (38%)

Blue (29%)

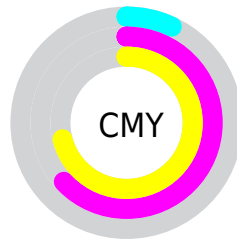


Cyan (0%)

Magenta (61%)

Yellow (68%)

Black (7%)



Cyan (7%)


Magenta (63%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5326, 26.6905, 9.6721 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 40.5326, 26.6905, 9.6721 by changing the saturation by 10% instead.


 40.5326, 26.6905,
9.6721


 40.5326, 26.6905,
9.6721


339.4594,
286.1554, 198.7145


 28.1401, 17.3409,
5.0793


 75.2531, 54.3868,
25.7750


 18.5723, 10.4779,
2.2343


 98.3117, 73.5023,
38.1222


 11.4638, 5.7169,
0.6941

 125.6565, 96.6420,
53.8914

 6.4493, 2.6737,
0.0000

 157.6527,
124.1901, 73.5009

 3.1634, 0.9639,
0.0000

 194.6658,
156.5311, 97.3695

 1.2407, 0.0000,
0.0000

237.0610,

 0.1382, 0.0000,

194.0494, 125.9156

0.0000

285.2037,
237.1294, 159.5578

■ 0.0000, 0.0000,
0.0000

■ 40.5326, 26.6905,
9.6721

■ 40.5326, 26.6905,
9.6721

■ 38.2432, 23.1808,
5.6140

■ 43.6369, 31.3431,
15.5045

■ 36.6884, 20.7104,
3.1252

■ 47.6222, 37.2217,
23.2827


■ 35.7677, 19.1615,
1.9168


■ 52.5502, 44.4067,
33.1596


■ 35.6691, 18.9959,
1.7866

■ 58.4761, 52.9703,
45.2722

■ 65.4511, 62.9795,
59.7460

 73.5227, 74.4970,
76.6973

 82.7356, 87.5815,
96.2346

 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



44.6982, 26.6905, 24.5607



40.5326, 26.6905, 9.6721



32.4038, 26.6905, 4.1528

Triad

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



40.5326, 26.6905, 9.6721



13.4381, 26.6905, 14.1915



27.0655, 26.6905, 101.9620

Complementary

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



40.5326, 26.6905, 9.6721



43.6637, 58.3277, 89.8455

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.



19.4332, 26.6905, 93.6758



40.5326, 26.6905, 9.6721



12.6120, 26.6905, 34.0809

Square

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



40.5326, 26.6905, 9.6721



17.1235, 26.6905, 5.5929



14.5548, 26.6905, 64.8845



35.9088, 26.6905, 83.6775

Rectangle

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



40.5326, 26.6905, 9.6721



26.4959, 26.6905, 3.1919



14.5548, 26.6905, 64.8845



24.2736, 26.6905, 102.2801

Sweetspot

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



40.5332, 26.6920, 9.6725



74.3171, 70.4612, 65.2197



50.9204, 28.4672, 71.7072



15.4155, 14.3768, 12.9385



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.



40.5332, 26.6920, 9.6725



43.9391, 25.8724, 5.2525



51.4350, 48.4956, 13.3065



15.9212, 16.0556, 16.4096



19.9472, 10.6925, 1.0125



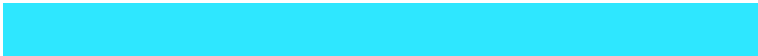
1.7075, 0.9857, 0.1003

Inverse Universe

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



43.6637, 58.3277, 89.8455



47.6409, 64.7359, 104.5921



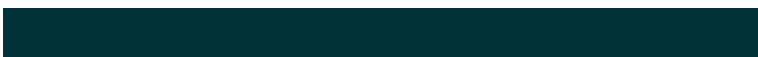
27.7417, 26.4837, 84.5382



16.0808, 17.5958, 20.2704



21.5637, 29.3516, 49.6568



1.8381, 2.5301, 4.1457

Previews

White Background



This preview shows how the XYZ color 40.5326, 26.6905, 9.6721 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 40.5326, 26.6905, 9.6721 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 40.5326, 26.6905, 9.6721

Background



This preview shows how black text looks on a background with the XYZ color 40.5326, 26.6905, 9.6721.



This preview shows how white text looks on a background with the XYZ color 40.5326, 26.6905,

9.6721.

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

40.5326, 26.6905, 9.6721

Protanopia

24.9312, 26.9887, 14.0205

Deuteranopia

27.3563, 26.8472, 9.0504



Tritanopia

41.4954, 26.6960, 14.2750

Trichromacy



Original Color

40.5326, 26.6905, 9.6721

Protanomaly

29.0209, 25.6534, 12.2261

Deuteranomaly

31.1107, 25.8809, 9.1502

Tritanomaly

41.2269, 26.7263, 12.4370

Monochromacy



Original Color

40.5326, 26.6905, 9.6721

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.7104, 23.3959, 18.7308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5326, 26.6905, 9.6721 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(238, 94, 75)` looks like.

```
.text, #text, p{  
    color:rgb(238, 94, 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(238, 94, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 94, 75) }
```

Border

The CSS property to change the border of an element to XYZ 40.5326, 26.6905, 9.6721 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(238, 94, 75) }
```


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

```
.border{ border-color:rgb(238, 94, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 94, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 94, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 94, 75);  
box-shadow:4px 4px 4px 4px rgb(238, 94,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5326, 26.6905, 9.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 94, 75) }
```

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

```
.background{ background-color: rgb(238, 94,  
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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