

Converting Colors

XYZ(37.6023, 25.2069, 9.9553)

Have a look what the booklet for
XYZ(37.6023, 25.2069, 9.9553)
contains.

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Color

**XYZ(37.6554, 25.1992,
9.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	E55E4D
RGB	229, 94, 77
RGB Percent	90%, 37%, 30%
CMY	0.1020, 0.6313, 0.6980
CMYK	0.00, 0.59, 0.66, 0.10
HSL	7°, 75%, 60%
HSV	7°, 66%, 90%
XYZ	37.6554, 25.1992, 9.9005
YIQ	132.4270, 85.9170, 23.3330

Conversions

Conversions Part 2

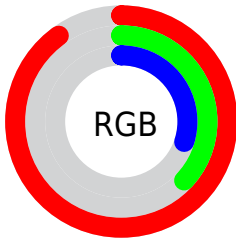
Format	Color
R_{YB}	229, 96, 77
Decimal	15031885
CIE _{Lab}	57.27, 51.41, 36.39
CIE _{LCh}	57, 62.987, 35.292
Yxy	25.1992, 0.5176, 0.3464
Android (android.graphics.Color)	4293221965 (0xFFE55E4D)
YUV	132.4270, -27.3255, 84.6945
Hunter-Lab	50.1988, 46.0495, 23.4456

Details

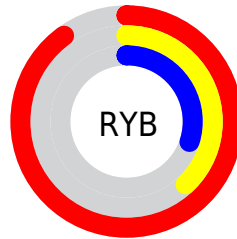
The XYZ color **37.6554, 25.1992, 9.9005** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **40.7452, 54.3184, 82.4655**, and the grayscale version is **22.1613, 23.3154, 25.3905**.

A 20% lighter version of the original color is **55.8182, 44.2872, 25.6850**, and **16.8902, 9.7060, 2.3497** is the 20% darker color. If you saturate the color by 10%, you get **35.4080, 21.7789, 5.8400**, and if you desaturate by 10%, it is **40.6648, 29.6889, 15.6188**.

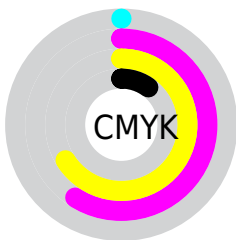
Distribution



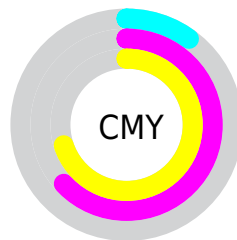
- Red (90%)
- Green (37%)
- Blue (30%)



- Red (90%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (10%)





- Cyan (10%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6554, 25.1992, 9.9005 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 37.6554, 25.1992, 9.9005 by changing the saturation by 10% instead.


 37.6554, 25.1992,
9.9005


 37.6554, 25.1992,
9.9005


327.4459,
278.8285, 200.4194


 25.8913, 16.2255,
5.2283


 70.8870, 51.9802,
26.2131

 16.8746, 9.6839,
2.3208


 93.0852, 70.5563,
38.6905


 10.2399, 5.1899,
0.7428


 119.4921, 93.1020,
54.6068

 5.6218, 2.3591,
0.0000

 150.4732,
120.0018, 74.3804

 2.6550, 0.8047,
0.0000

 186.3938,
151.6399, 98.4299

 0.9740, 0.0000,
0.0000

227.6192,

 0.0000, 0.0000,

188.4008, 127.1739

0.0000

274.5148,
230.6689, 161.0309

■ 37.6554, 25.1992,
9.9005

■ 37.6554, 25.1992,
9.9005

■ 35.4080, 21.7789,
5.8400

■ 40.6648, 29.6889,
15.6188

■ 33.8513, 19.3346,
3.2581

■ 44.4956, 35.3228,
23.1465


■ 32.9022, 17.7636,
1.9330


■ 49.2029, 42.1737,
32.6195


■ 32.6741, 17.3801,
1.6326

■ 54.8369, 50.3074,
44.1601

■ 61.4438, 59.7848,
57.8810

 69.0666, 70.6629,
73.8863

 77.7458, 82.9954,
92.2736

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



41.2421, 25.1992, 23.8234



37.6554, 25.1992, 9.9005



30.4543, 25.1992, 4.4916

Triad

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



37.6554, 25.1992, 9.9005



13.1487, 25.1992, 13.6096



25.2974, 25.1992, 91.9522

Complementary

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



37.6554, 25.1992, 9.9005



40.7452, 54.3184, 82.4655

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.



18.4465, 25.1992, 84.1608



37.6554, 25.1992, 9.9005



12.3278, 25.1992, 31.4001

Square

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



37.6554, 25.1992, 9.9005



16.5889, 25.1992, 5.7224



14.0550, 25.1992, 58.6362



33.2213, 25.1992, 76.4192

Rectangle

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



37.6554, 25.1992, 9.9005



25.1466, 25.1992, 3.4933



14.0550, 25.1992, 58.6362



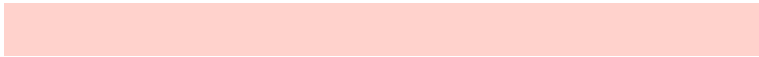
22.7941, 25.1992, 92.0340

Sweetspot

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



37.6560, 25.2006, 9.9009



75.1132, 71.5679, 66.9818



47.0790, 26.8107, 66.1780



15.5684, 14.5883, 13.2801



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.



37.6560, 25.2006, 9.9009



44.2747, 26.3732, 5.8890



47.6922, 45.2731, 13.2463



14.5062, 14.6262, 14.9630



18.7247, 10.0236, 0.9478



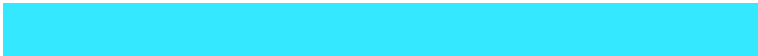
1.4272, 0.8277, 0.0845

Inverse Universe

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



40.7452, 54.3184, 82.4655



48.3211, 65.7356, 104.7492



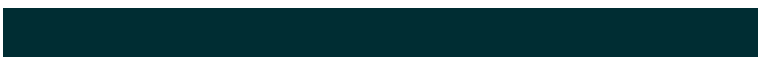
26.2634, 25.3547, 77.6382



14.6625, 16.0464, 18.4688



20.4033, 27.8688, 46.6870



1.5472, 2.1383, 3.4632

Previews

White Background



This preview shows how the XYZ color 37.6554, 25.1992, 9.9005 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 37.6554, 25.1992, 9.9005 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 37.6554, 25.1992, 9.9005

Background



This preview shows how black text looks on a background with the XYZ color 37.6554, 25.1992, 9.9005.



This preview shows how white text looks on a background with the XYZ color 37.6554, 25.1992,

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

37.6554, 25.1992, 9.9005

Protanopia

23.4587, 25.3568, 14.0139

Deuteranopia

25.7994, 25.2208, 9.3027



Tritanopia

38.5319, 25.1682, 14.1364

Trichromacy



Original Color

37.6554, 25.1992, 9.9005

Protanomaly

27.0399, 24.0722, 12.2381

Deuteranomaly

29.1669, 24.5143, 9.4978

Tritanomaly

38.3057, 25.2155, 12.5210

Monochromacy



Original Color

37.6554, 25.1992, 9.9005

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.3394, 22.3422, 18.3062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6554, 25.1992, 9.9005 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(229, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(229, 94, 77)  
}
```

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(229, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 94, 77) }
```

Border

The CSS property to change the border of an element to XYZ 37.6554, 25.1992, 9.9005 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(229, 94, 77) }
```


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

```
.border{ border-color:rgb(229, 94, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 94, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(229, 94,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6554, 25.1992, 9.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 94, 77) }
```

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

```
.background{ background-color: rgb(229, 94,  
77) }
```

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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