

Converting Colors

XYZ(36.1996, 25.9496, 12.7552)

Have a look what the booklet for
XYZ(36.1996, 25.9496, 12.7552)
contains.

XYZ(36.1105, 25.9014, 12.7691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.1105, 25.9014,
12.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	DB695A
RGB	219, 105, 90
RGB Percent	86%, 41%, 35%
CMY	0.1412, 0.5882, 0.6471
CMYK	0.00, 0.52, 0.59, 0.14
HSL	7°, 64%, 61%
HSV	7°, 59%, 86%
XYZ	36.1105, 25.9014, 12.7691
YIQ	137.3760, 72.7590, 19.5030

Conversions

Conversions Part 2

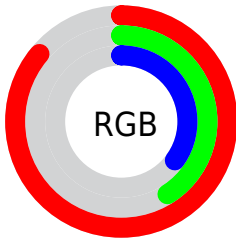
Format	Color
R_{YB}	219, 107, 90
Decimal	14379354
CIE _{Lab}	57.94, 43.41, 29.59
CIE _{LCh}	58, 52.539, 34.281
Yxy	25.9014, 0.4829, 0.3464
Android (android.graphics.Color)	4292569434 (0xFFDB695A)
YUV	137.3760, -23.3564, 71.5842
Hunter-Lab	50.8934, 37.5879, 20.7496

Details

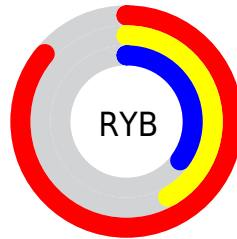
The XYZ color **36.1105, 25.9014, 12.7691** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **38.5941, 50.4710, 74.7254**, and the grayscale version is **23.9875, 25.2367, 27.4827**.

A 20% lighter version of the original color is **58.3718, 47.9497, 30.9896**, and **16.0258, 10.0990, 3.4875** is the 20% darker color. If you saturate the color by 10%, you get **33.5601, 22.0792, 7.9779**, and if you desaturate by 10%, it is **39.3852, 30.7332, 19.1566**.

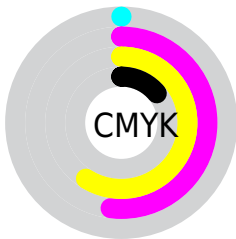
Distribution



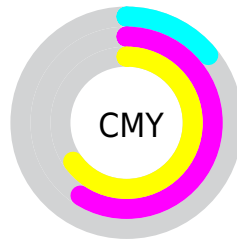
- Red (86%)
- Green (41%)
- Blue (35%)



- Red (86%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (59%)
- Black (14%)





- Cyan (14%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1105, 25.9014, 12.7691 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 36.1105, 25.9014, 12.7691 by changing the saturation by 10% instead.


 36.1105, 25.9014,
12.7691


 36.1105, 25.9014,
12.7691


320.8661,
282.2977, 220.5881


 24.6901, 16.7499,
7.1409


 68.5253, 53.1158,
31.5734

 15.9738, 10.0563,
3.4706


 90.2504, 71.9476,
45.5866


 9.5963, 5.4363,
1.3397

 116.1412, 94.7748,
63.2319

 5.1923, 2.5055,
0.0940

 146.5628,
121.9820, 84.9277

 2.3965, 0.8794,
0.0000

 181.8808,
153.9534, 111.0927

 0.8433, 0.0000,
0.0000

222.4604,

 0.0000, 0.0000,

191.0736, 142.1455

0.0000

268.6671,
233.7269, 178.5044

■ 36.1105, 25.9014,
12.7691

■ 36.1105, 25.9014,
12.7691

■ 33.5601, 22.0792,
7.9779

■ 39.3852, 30.7332,
19.1566

■ 31.6764, 19.1907,
4.6402

■ 43.4322, 36.6350,
27.2637

■ 30.3959, 17.1562,
2.5901

■ 48.2974, 43.6674,
37.2030

■ 29.6323, 15.8768,
1.5717

■ 54.0226, 51.8852,
49.0772

■ 29.5712, 15.7758,
1.4865

■ 60.6468, 61.3396,
62.9815

■ 68.2065, 72.0790,
79.0047

■ 76.7363, 84.1489,
97.2303

■ 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.



38.8641, 25.9014, 25.6785



36.1105, 25.9014, 12.7691



30.2886, 25.9014, 7.0089

Triad

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



36.1105, 25.9014, 12.7691



15.1983, 25.9014, 15.6162



25.5386, 25.9014, 79.2181

Complementary

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



36.1105, 25.9014, 12.7691



38.5941, 50.4710, 74.7254

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.



19.7042, 25.9014, 72.7216



36.1105, 25.9014, 12.7691



14.3643, 25.9014, 30.8861

Square

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



36.1105, 25.9014, 12.7691



18.3781, 25.9014, 8.0890



15.8669, 25.9014, 52.7526



32.1323, 25.9014, 67.9360

Rectangle

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



36.1105, 25.9014, 12.7691



25.8517, 25.9014, 5.7905



15.8669, 25.9014, 52.7526



23.4252, 25.9014, 79.0664

Sweetspot

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



36.1111, 25.9028, 12.7696



76.9189, 74.1842, 70.6515



44.0223, 26.8336, 61.3153



15.9225, 15.1035, 13.9935



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.



36.1111, 25.9028, 12.7696



46.5675, 29.9401, 9.7944



44.9510, 43.5825, 15.7162



13.1774, 13.2942, 13.5971



17.5754, 9.4363, 0.8951



1.1802, 0.6944, 0.0718

Inverse Universe

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



38.5941, 50.4710, 74.7254



50.2757, 67.4849, 104.9838



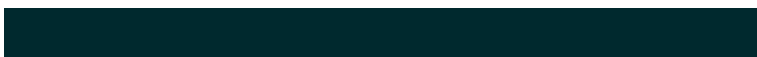
26.6164, 26.5155, 70.7328



13.3088, 14.5574, 16.7605



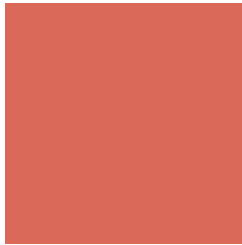
19.0104, 25.8902, 43.7338



1.2690, 1.7521, 2.8458

Previews

White Background



This preview shows how the XYZ color 36.1105, 25.9014, 12.7691 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 36.1105, 25.9014, 12.7691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

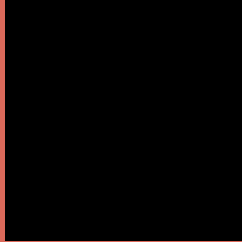
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1105, 25.9014, 12.7691

Background



This preview shows how black text looks on a background with the XYZ color 36.1105, 25.9014, 12.7691.



This preview shows how white text looks on a background with the XYZ color 36.1105, 25.9014,

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

36.1105, 25.9014, 12.7691

Protanopia

24.4545, 26.2397, 16.8726

Deuteranopia

26.3894, 25.8660, 12.1961



Tritanopia

37.0269, 25.8225, 17.5007

Trichromacy



Original Color

36.1105, 25.9014, 12.7691

Protanomaly

27.5207, 25.1936, 15.2167

Deuteranomaly

29.2968, 25.4188, 12.3790

Tritanomaly

36.7637, 25.8754, 15.6272

Monochromacy



Original Color

36.1105, 25.9014, 12.7691

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.6601, 24.2388, 21.0427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1105, 25.9014, 12.7691 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, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 90)  
}
```

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, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 90) }
```

Border

The CSS property to change the border of an element to XYZ 36.1105, 25.9014, 12.7691 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, 105, 90) }
```


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

```
.border{ border-color:rgb(219, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1105, 25.9014, 12.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 90) }
```

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

```
.background{ background-color: rgb(219,  
105, 90) }
```

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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