

Converting Colors

XYZ(13.2725, 15.5567, 12.2007)

Have a look what the booklet for
XYZ(13.2725, 15.5567, 12.2007)
contains.

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Color

**XYZ(13.2725, 15.5567,
12.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	65725B
RGB	101, 114, 91
RGB Percent	40%, 45%, 36%
CMY	0.6039, 0.5529, 0.6431
CMYK	0.11, 0.00, 0.20, 0.55
HSL	94°, 11%, 40%
HSV	94°, 20%, 45%
XYZ	13.2725, 15.5567, 12.2007
YIQ	107.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

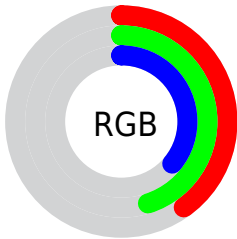
Format	Color
R_{YB}	91, 114, 104
Decimal	6648411
CIE _{Lab}	46.39, -9.51, 11.14
CIE _{LCh}	46, 14.649, 130.473
Yxy	15.5567, 0.3235, 0.3792
Android (android.graphics.Color)	4284838491 (0xFF65725B)
YUV	107.4910, -8.1301, -5.6926
Hunter-Lab	39.4420, -8.9570, 9.2690

Details

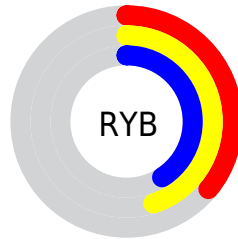
The XYZ color **13.2725, 15.5567, 12.2007** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4879, 11.6405, 17.5091**, and the grayscale version is **14.1340, 14.8701, 16.1935**.

A 20% lighter version of the original color is **31.3928, 35.8709, 30.4685**, and **3.9432, 4.8702, 3.2148** is the 20% darker color. If you saturate the color by 10%, you get **12.1243, 15.0178, 9.7720**, and if you desaturate by 10%, it is **14.5529, 16.1560, 15.0263**.

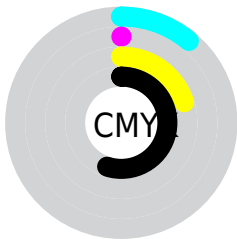
Distribution



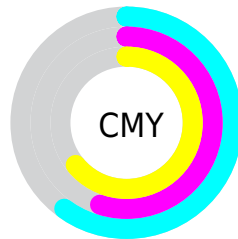
- Red (40%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2725, 15.5567, 12.2007 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 13.2725, 15.5567, 12.2007 by changing the saturation by 10% instead.

■ 13.2725, 15.5567,
12.2007

■ 13.2725, 15.5567,
12.2007

206.2593,
226.7115, 216.7543

■ 7.6947, 9.2110,
6.7563

■ 31.3896, 35.8269,
30.5300

■ 3.9504, 4.8791,
3.2340

■ 44.6598, 50.5202,
44.2519

■ 1.6741, 2.1765,
1.2153

■ 61.2247, 68.7648,
61.5702

■ 0.4400, 0.7071,
0.0000

■ 81.4498, 90.9451,
82.9032

■ 0.0000, 0.0000,
0.0000

105.7005,
117.4455, 108.6696

134.3420,

148.6505, 139.2879

167.7398,
184.9443, 175.1766

■ 13.2725, 15.5567,
12.2007

■ 13.2725, 15.5567,
12.2007

■ 12.1243, 15.0178,
9.7720

■ 14.5529, 16.1560,
15.0263

■ 11.1023, 14.5353,
7.7214

■ 15.9686, 16.8156,
18.2645

■ 10.2021, 14.1077,
6.0301

■ 17.5242, 17.5381,
21.9312

■ 9.4182, 13.7327,
4.6775

■ 19.2238, 18.3250,
26.0414

■ 8.7450, 13.4079,
3.6404

■ 21.0710, 19.1781,
30.6091

■ 8.1760, 13.1306,
2.8932

■ 23.0696, 20.0989,
35.6479

■ 7.7040, 12.8975,
2.4061

■ 25.2232, 21.0891,
41.1708

■ 7.3115, 12.7023,
2.0664

■ 27.5350, 22.1501,
47.1903

■ 30.0085, 23.2833,
53.7183

Harmonies

Analogous

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



14.3513, 15.5567, 11.0041



13.2725, 15.5567, 12.2007



12.6237, 15.5567, 14.7292

Triad

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



13.2725, 15.5567, 12.2007



13.9931, 15.5567, 24.3340



17.2919, 15.5567, 15.7115

Complementary

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



13.2725, 15.5567, 12.2007



12.4879, 11.6405, 17.5091

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.



17.1826, 15.5567, 19.3586



13.2725, 15.5567, 12.2007



15.2298, 15.5567, 24.6958

Square

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



13.2725, 15.5567, 12.2007



13.0231, 15.5567, 21.8394



16.4108, 15.5567, 22.7673



16.7016, 15.5567, 12.8320

Rectangle

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



13.2725, 15.5567, 12.2007



12.4991, 15.5567, 16.9958



16.4108, 15.5567, 22.7673



17.3365, 15.5567, 16.8815

Sweetspot

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



13.2729, 15.5574, 12.2010



26.5439, 28.8426, 28.6042



13.7435, 14.1637, 11.9072



6.1129, 6.6582, 6.5564



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.2729, 15.5574, 12.2010



22.3988, 26.9038, 19.4598



12.2705, 15.0348, 12.4151



3.4698, 3.8275, 3.6292



8.1199, 14.1297, 2.2993



39.4955, 69.8947, 11.4094

Inverse Universe

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



12.4879, 11.6405, 17.5091



20.7654, 18.7560, 30.5013



13.6533, 12.2489, 17.2240



3.3811, 3.3848, 4.2293



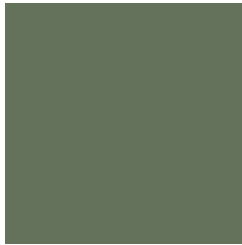
5.7473, 2.5723, 17.9152



27.6271, 12.2967, 89.1965

Previews

White Background



This preview shows how the XYZ color 13.2725, 15.5567, 12.2007 looks on a white 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

Black Background



This preview shows how the XYZ color 13.2725, 15.5567, 12.2007 looks on a black 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

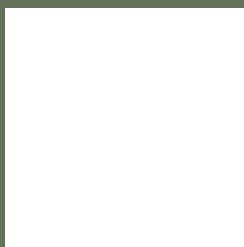
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2725, 15.5567, 12.2007

Background



This preview shows how black text looks on a background with the XYZ color 13.2725, 15.5567, 12.2007.



This preview shows how white text looks on a background with the XYZ color 13.2725, 15.5567,

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

13.2725, 15.5567, 12.2007

Protanopia

14.5816, 15.5861, 11.6911

Deuteranopia

15.7340, 15.5340, 12.5250



Tritanopia

14.7314, 15.4870, 19.6656

Trichromacy



Original Color

13.2725, 15.5567, 12.2007

Protanomaly

14.0854, 15.4866, 11.9197

Deuteranomaly

14.7365, 15.4919, 12.3388

Tritanomaly

14.1537, 15.4161, 16.6976

Monochromacy



Original Color

13.2725, 15.5567, 12.2007

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7506, 15.0947, 14.5008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2725, 15.5567, 12.2007 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(101, 114, 91)` looks like.

```
.text, #text, p{  
    color:rgb(101, 114, 91)  
}
```

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(101, 114, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 114, 91) }
```

Border

The CSS property to change the border of an element to XYZ 13.2725, 15.5567, 12.2007 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(101, 114, 91) }
```


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

```
.border{ border-color:rgb(101, 114, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 114, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 114, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 114, 91);  
box-shadow:4px 4px 4px 4px rgb(101, 114,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2725, 15.5567, 12.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 114, 91) }
```

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

```
.background{ background-color: rgb(101,  
114, 91) }
```

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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