

Converting Colors

XYZ(14.6923, 15.9007, 25.9620)

Have a look what the booklet for
XYZ(14.6923, 15.9007, 25.9620)
contains.

XYZ(14.6369, 15.7901, 25.9432)	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(14.6369, 15.7901,
25.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7189
RGB	90, 113, 137
RGB Percent	35%, 44%, 54%
CMY	0.6471, 0.5569, 0.4627
CMYK	0.34, 0.18, 0.00, 0.46
HSL	211°, 21%, 45%
HSV	211°, 34%, 54%
XYZ	14.6369, 15.7901, 25.9432
YIQ	108.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

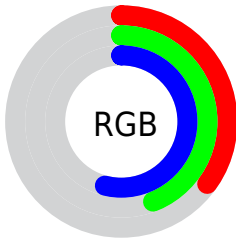
Format	Color
R_{YB}	90, 105, 137
Decimal	5927305
CIE _{Lab}	46.70, -2.25, -15.89
CIE _{LCh}	47, 16.048, 261.954
Yxy	15.7901, 0.2597, 0.2801
Android (android.graphics.Color)	4284117385 (0xFF5A7189)
YUV	108.8590, 13.8735, -16.5393
Hunter-Lab	39.7368, -3.7895, -10.8933

Details

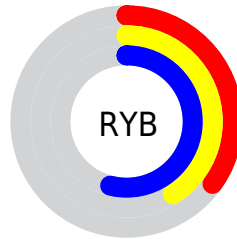
The XYZ color **14.6369, 15.7901, 25.9432** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1794, 18.0911, 12.2070**, and the grayscale version is **14.4626, 15.2158, 16.5700**.

A 20% lighter version of the original color is **33.7339, 36.2907, 53.9420**, and **4.5654, 4.9610, 9.7338** is the 20% darker color. If you saturate the color by 10%, you get **12.6747, 13.6646, 25.6366**, and if you desaturate by 10%, it is **16.9059, 18.1638, 26.2821**.

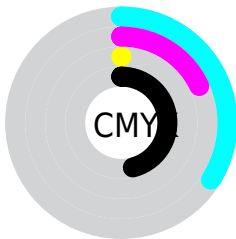
Distribution



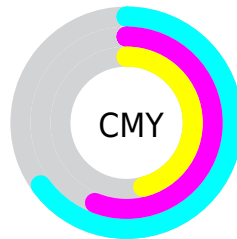
- Red (35%)
- Green (44%)
- Blue (54%)



- Red (35%)
- Yellow (41%)
- Blue (54%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6369, 15.7901, 25.9432 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 14.6369, 15.7901, 25.9432 by changing the saturation by 10% instead.

■ 14.6369, 15.7901,
25.9432

■ 14.6369, 15.7901,
25.9432

214.5901,
228.0999, 296.0997

■ 8.6496, 9.3757,
16.5558

■ 33.7918, 36.2334,
54.1663

■ 4.5686, 4.9871,
9.7597

■ 47.6902, 51.0312,
73.8390

■ 2.0286, 2.2397,
5.1364

■ 64.9563, 69.3922,
97.7772

■ 0.6499, 0.7415,
2.2674

■ 85.9554, 91.7009,
126.3994

■ 0.0000, 0.0000,
0.7129

111.0530,
118.3416, 160.1243

■ 0.0000, 0.0000,
0.0000

140.6144,

149.6987, 199.3703

175.0050,
186.1567, 244.5559

■ 14.6369, 15.7901,
25.9432

■ 14.6369, 15.7901,
25.9432

■ 12.6747, 13.6646,
25.6366

■ 16.9059, 18.1638,
26.2821

■ 11.0029, 11.7758,
25.3602

■ 19.4941, 20.7929,
26.6531

■ 9.6058, 10.1138,
25.1130

■ 22.4147, 23.6866,
27.0577

■ 8.4656, 8.6674,
24.8939

■ 25.6800, 26.8529,
27.4968

■ 7.5616, 7.4236,
24.7015

■ 29.3015, 30.2995,
27.9712

■ 6.8682, 6.3669,
24.5341

■ 33.2901, 34.0339,
28.4817

■ 6.5254, 5.8261,
24.4478

■ 37.6563, 38.0630,
29.0293

■ 42.4101, 42.3938,
29.6147

■ 47.5612, 47.0327,
30.2386

Harmonies

Analogous

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



13.4199, 15.7901, 23.9550



14.6369, 15.7901, 25.9432



16.0299, 15.7901, 25.3170

Triad

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



14.6369, 15.7901, 25.9432



17.6268, 15.7901, 14.4861



12.9995, 15.7901, 12.8924

Complementary

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



14.6369, 15.7901, 25.9432



18.1794, 18.0911, 12.2070

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.



14.0305, 15.7901, 11.0240



14.6369, 15.7901, 25.9432



16.7167, 15.7901, 11.8403

Square

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



14.6369, 15.7901, 25.9432



17.8139, 15.7901, 18.2869



15.3854, 15.7901, 10.6711



12.5134, 15.7901, 16.1431

Rectangle

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



14.6369, 15.7901, 25.9432



16.8673, 15.7901, 23.5388



15.3854, 15.7901, 10.6711



13.2907, 15.7901, 12.1040

Sweetspot

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



14.6374, 15.7907, 25.9436



36.9735, 39.2949, 48.0191



16.1713, 21.2688, 19.0241



8.1534, 8.6748, 10.7510



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.6374, 15.7907, 25.9436



23.4932, 25.3454, 46.0371



12.3883, 11.2925, 25.1939



4.9635, 5.2699, 6.3614



6.0902, 5.4508, 22.7768



0.0550, 0.0654, 0.1562

Inverse Universe

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



16.9537, 13.8233, 17.3981



28.3763, 21.6187, 27.9278



21.1079, 23.9481, 13.1831



5.1282, 5.0867, 5.7635



10.5609, 5.3345, 5.4579



0.0775, 0.0384, 0.0750

Previews

White Background



This preview shows how the XYZ color 14.6369, 15.7901, 25.9432 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 14.6369, 15.7901, 25.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

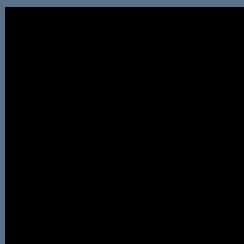
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

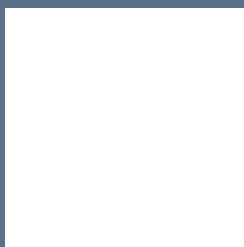
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6369, 15.7901, 25.9432

Background



This preview shows how black text looks on a background with the XYZ color 14.6369, 15.7901, 25.9432.



This preview shows how white text looks on a background with the XYZ color 14.6369, 15.7901,

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

14.6369, 15.7901, 25.9432

Protanopia

15.5974, 15.6618, 24.7552

Deuteranopia

16.0134, 15.6859, 26.2284



Tritanopia

13.6993, 15.7429, 21.3854

Trichromacy



Original Color

14.6369, 15.7901, 25.9432

Protanomaly

15.2046, 15.6105, 25.1334

Deuteranomaly

15.5302, 15.7535, 26.2670

Tritanomaly

14.0043, 15.6943, 23.0601

Monochromacy



Original Color

14.6369, 15.7901, 25.9432

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3852, 15.3086, 19.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6369, 15.7901, 25.9432 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(90, 113, 137) looks like.

```
.text, #text, p{  
    color:rgb(90, 113, 137)  
}
```

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(90, 113, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 113, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.6369, 15.7901, 25.9432 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(90, 113, 137) }
```


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

```
.border{ border-color:rgb(90, 113, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 113, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 113, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 113, 137);  
box-shadow:4px 4px 4px 4px rgb(90, 113,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6369, 15.7901, 25.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 113, 137) }
```

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

```
.background{ background-color: rgb(90, 113,  
137) }
```

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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